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SEEDS THAT PRODUCE

NOV 15 1924  
U. S. Department of Agriculture

# JOHNSON'S SEED ANNUAL 1918



## JOHNSON'S SEED STORE

2133-35 E. NINTH ST., NEAR PROSPECT

CLEVELAND, O.



# 1918 Greetings to Our Customers and Friends

2133-35 East Ninth Street, Old Y. M. C. A. Bldg., Cor. Prospect and Ninth Streets

We again have pleasure in handing you our Seed Annual. You will find it very complete and by far the best we have ever issued. The year 1917 showed an enormous increase in our business—owing we believe to our unceasing efforts to supply the best of everything and also to our uniform courtesy to correspondents and to store customers.

Thirty years experience in growing and selling seeds has given us a thorough knowledge of all the requirements and details of the business, and those who entrust their orders to us may feel every confidence that they will have intelligent and careful attention.

Our local trade is a very important branch of our business and we give it careful attention. We are in position to furnish practically everything needed in Flower, Vegetable or Farm Growing.

Our Clerks are courteous and know their business—being ready at all times to wait on you satisfactorily and to answer inquiries intelligently and cheerfully.

When making your first annual purchase, be sure to leave your mail address, so we can place our next Catalogue in your hands promptly.

**Gardeners' and Head-Farmers' Situations**—We frequently have on file the names of practical gardeners and farm managers in want of situations. If parties desiring such will write us we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection we ask full particulars. We make no charge for this service.

Our Mail Order department receives careful attention and we are prepared with every facility for giving the best service.

The safest ways to remit are by Post Office or Express orders, Registered Letter, or Bank Draft. For small amounts Postage Stamps will be accepted.

**Parcels Post.** Seeds and Bulbs can be sent by Parcels Post, very cheaply and safely. Our catalogue price includes prepayment of Postage by us on Packets, Ounces, quarter Pounds and Pints to any place in the United States.

**By Express.** Seeds, Bulbs and Plants are now entitled to Special Express Rates, which are considerably lower than rates on General Merchandise. We advise shipping by Express unless goods are too heavy.

**By Freight.** We deliver all shipments to Railroad Depots, and Boats free of charge—customers paying only actual freight charges.

**Information Cheerfully Given.** We make a specialty of giving, by letter, any information our customers require in Gardening Matters. Do not hesitate to call on us.

**We Cannot Guarantee the Well-Doing** of any seeds, plants or bulbs we send out, having no control over conditions—therefore:

Johnson's Seed Store gives no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, plants or bulbs they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

## CITY YARD GARDENS

It will soon be in order to decide whether or not there shall be a garden in the backyard next summer. It is not too early to study the choice of crops and the methods of cultivation, if any such use is to be made of dooryard space.

For the welfare of a multitude of families in this city, it is to be hoped that gardens will be more numerous than ever before. A summer of war prices for many food staples is almost certain. War conditions in the markets are likely to last through the fall and the winter following. There is little chance for any other state of things.

For this reason the food which can be grown in backyard gardens will be worth more than usual, and it will be more needed. It can be made an important item in cutting down the cost of living for many a family having need of every dollar that can be saved.

In seeking this economy it will be found that the quality of the vegetables grown will be better than usual. Freshness counts more than most city people understand in the flavor of corn, lima beans, peas and other garden staples. And with the higher quality will come keener appetites for those who do the work in the gardens.

No exercise is more wholesome. None gives more satisfaction to those who enter into the spirit of the world-old occupation, which never loses its charm of novelty, of seeing things grow under personal care and by the help of personal work.

By all means, plan for more gardens than ever before. They are good in every sense.

### Fall Bulbs, Etc.

We shall in season have a large and select line of all bulbs adapted for Fall planting. We import these direct from Holland, France, etc. in immense quantities.

**Freesias.** Mammoth size. June and July.

**Lilium Harrisii.** July and August.

**Roman Hyacinths.** August and September.

**Lilium Candidum, Paper White Narcissus.** Dutch Hyacinths, Tulips and Narcissus. September and October.

**Hardy Lilies, Chinese Narcissus.** October and November.

Ask for Fall Catalogue, ready about Sept. 1st.

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Name .....

Street ..... P. O. Box .....

Post Office ..... R. F. D. No. ....

County ..... State.....

**Forward by** .....

Name of Station or Exp. Office .....

**P. O. Money Order**\_\_\_\_\_

Exp. Money Order \_\_\_\_\_

Draft

Cash \_\_\_\_\_

Stamps \_\_\_\_\_

**Total** \_\_\_\_\_

Date \_\_\_\_\_ 191\_\_\_\_\_

**NOTICE-We give no warranty, express or implied, as to description quality productiveness or any other matter of any seeds or bulbs we send out and will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms they are to be returned at once.**

Quantity

## ARTICLES WANTED

Price

**Food will win the war. Plant Johnson's "Seeds That Produce"**

From \_\_\_\_\_

P.O. \_\_\_\_\_

State \_\_\_\_\_ R. F. D. \_\_\_\_\_ Box \_\_\_\_\_

**“Seeds That Produce”**

**CLEVELAND**

**Johnson's Seed Store  
2133-35 East 9th St.**

**OHIO**



## Of Strong Vitality and Choice Selected Strains

In this Catalog we quote all of the standard and most profitable varieties of Vegetable and Flower seeds for Home and Market Gardening, as well as most of the "worth while" newer sorts.

**Prices Include Postage** on packets, ounces and quarter pounds.

# JOHNSON'S

## SEEDS THAT PRODUCE

**Our Prices are  
as Low as  
Possible,  
Consistent  
with  
High Quality**

**It is Our Aim** to handle only reliable stocks such as are true to name and have been tested for germination. We cater to Gardeners who are willing to pay a fair price for stocks of unequalled quality.

**Order Early—It is to your interest as well as ours.**

### Asparagus

One of the finest and most delicious vegetables in Spring. No garden is complete without an Asparagus bed. Can be grown in any good garden soil and prefers sunny, moist location.

**Argenteuil.** Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. Pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 30 cts.

**Colossal.** The well-known standard sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c.

**Columbian Mammoth White.** Large pure white. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c.

**Palmetto.** Earlier and larger than Colossal. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c.

### Asparagus Roots

We offer strong two-year-old roots of the following varieties: **Columbian Mammoth White**, **Argenteuil**, **Palmetto** and **Conover's Colossal**.

Any of the above Asparagus, 20 cts. per doz.; \$1.00 per 100; \$4.00 per 500; \$6.50 per 1,000.

Cultural Notes on Asparagus free on application.

### Artichoke

**Jerusalem (Tubers).** Qt., 25c; pk., \$1.00; bu., \$3.50.

**Large Globe (Seed).** The flower heads are crooked like Asparagus. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 1.25.

There never was a time when Seed Beans were so scarce as now. Seed Bean crops were almost an entire failure, the country over. Hence, prices are necessarily very high and our quotations are only good as long as our present supply lasts.

## BEANS

### Wax or Yellow-Podded Bush Varieties

Bush Beans may be had throughout the season, by planting at intervals of two weeks, from the beginning of May until the middle of August; they should be planted in drills two feet apart and one inch deep.

### Currie's Rust-proof Wax

An improvement on the old-fashioned Golden Wax, and ready about mid-season. Pods grow long, flat, very tender and of finest quality. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

### Wardwell's Kidney Wax

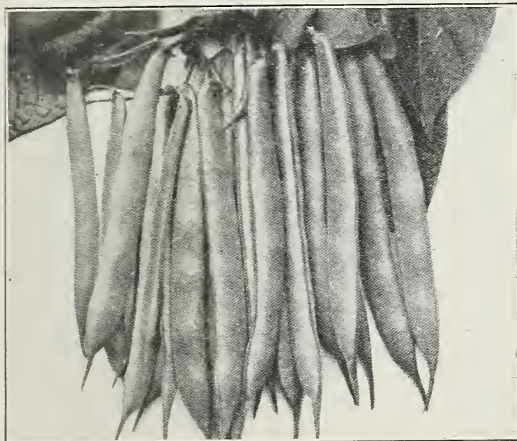
A very popular variety of Wax Bean, bearing long, flat pods of a delicate waxy yellow, stringless and brittle, producing a heavy crop. The pods mature a little later than Golden Wax, but are produced in great abundance. Pkg., 10c;  $\frac{1}{2}$  pt., 35c; pt., 60c; qt., \$1.00.

### Improved Golden Wax

Counted by many to be superior to all others. This bean, introduced in 1876, still continues the standard variety for home use. The pods are long, nearly straight, broad, half-round, golden yellow, very fleshy and wax-like. They cook quickly as snap beans, and are of the highest quality. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

### Hodson Wax

A new and distinct Wax Bean of unusually healthy growth, which enables it to resist disease. The variety is remarkably prolific, with straight, oval pods, which are longer than almost any other garden sort. In season it follows Golden Wax and other standard sorts, thus giving a succession. On this account and because of its remarkable productiveness and beauty it is becoming very popular. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.



Wardwell's Kidney Wax

### Davis Kidney Wax

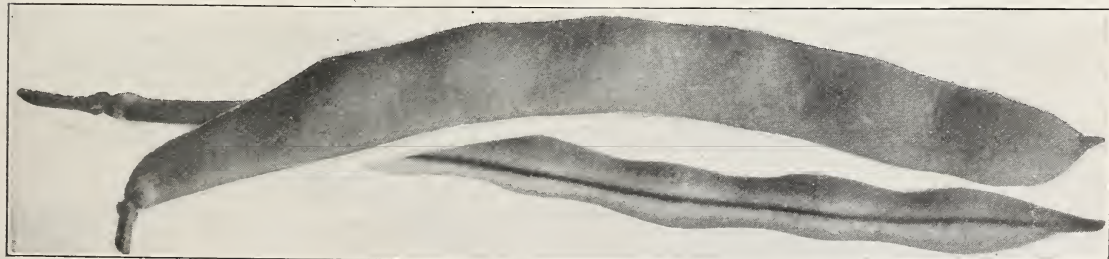
The handsomest of all the early Wax Beans. The pods are long (seven inches), straight, very uniform and clear waxy white. The vines are vigorous, very prolific and fairly rust resistant. We are constantly improving the variety in this respect, using only the seed from unaffected vines. The dry beans are kidney-shaped, clear white and excellent to use as a Navy Bean for baking. For snap beans in the home garden they should be used while young, before they become stringy. Pkg. 10c;  $\frac{1}{2}$  pt., 35c; pt., 60c; qt., \$1.00.

### Improved Prolific Black Wax

(Cylinder Pod)

Dwarf bush growth and very prolific. one of the earliest. Pods four to five inches in length, usually curved, quite round; meaty, brittle, and stringless; deep golden yellow of excellent flavor. Pkg. 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

**For Prices on Large Lots of Seed—See Our Wholesale Price List**



Currie's Rust Proof



## Green-Podded Bush Varieties

- Earliest Red Valentine.** This variety is usually ready to pick in 35 days from time of planting. Pkg., 10c; ½ pt., 20c; pt., 40c; qt., 70c.
- Black Valentine.** The pods are round, very fleshy and entirely stringless. Pkg., 10c; ½ pt., 20c; pt., 40c; qt., 70c.
- Bountiful.** Rich green color, thick, long and very uniform. An immense cropper and perfectly stringless. Pkg., 10c; ½ pt., 25c; pt., 45c; qt., 80c.
- Fordhook Favorite.** Pods light green, ½ inch in diameter, 5½ to 6½ inches long; full, fleshy, and nearly round; absolutely stringless; seed white. A few days later than the earlier varieties; very productive. Pkg., 10c; ½ pt., 25c; pt., 45c; qt., 80c.
- Giant Stringless Green Pod.** This Bean is absolutely stringless. Fine large round fleshy tender pod. As early as Six Weeks, with the advantage of being a better cropper. The plants are of strong growth, very productive, pods 5 inches long, light green, slightly curved, very meaty, being broadly rounded, saddle backed, and absolutely stringless. Pkg., 10c; ½ pt., 25c; pt., 45c; qt., 80c.
- Refugee, or Thousand to One.** Very tender and productive. Splendid for late planting. Pkg. 10c; ½ pt., 25c; pt., 45c; qt., 80c.
- Burpee's Stringless Green Pod.** An early green-podded Bean, absolutely stringless; fine flavor. Pkg. 10c; ½ pt., 25c; pt., 45c; qt., 80c.
- White Kidney.** Excellent shell Bean. Pkg. 10c; ½ pt., 25c; pt., 45c; qt., 80c.
- Imp. Boston Pea or Navy.** Choicest Northern grown seed. Pkg. 10c; ½ pt., 25c; pt., 40c; qt., 70c; pk., \$4.50.
- White Marrow.** Fine early shell bean. Pkg. 10c; ½ pt., 25c; pt., 45c; qt., 80c.

## Bush Lima Beans

- Bush Limas may be planted in rows 3 feet apart and 6 inches distant in the row.
- Fordhook Bush Lima.** Both pods and Beans much larger than those of any other Potato Lima. Habit of plant a strong, erect, bush-like growth. Pods borne in clusters of from four to eight, averaging four Beans to the pod. Exceedingly productive and of best quality. The best bush type of the popular Potato Lima. The pods, which are borne in great profusion contain three to five Beans of excellent flavor. Pkg., 10c; ½ pt., 30c; pt., 50c; qt., 90c.
- Burpee's Bush Lima.** Early and productive. Pkg., 10c; ½ pt., 30c; pt., 50c; qt., 90c.
- Burpee-Improved Bush Lima.** This is superior to any of the older forms of Bush Lima. Plant very vigorous and upright, attaining a height of 30 inches and 24 inches across. Pods often borne in clusters of five to eight and of enormous size. Beans are larger than those of any other variety; immensely productive and of the very best quality. Matures earlier than others. Pkg. 10c; ½ pt., 25c; pt., 45c; qt., 90c.

## Brussels Sprouts

- Sow in May, in shallow drills, twelve inches apart. Transplant in July, same as Cabbage.
- Improved dwarf.** A dwarf variety, producing numerous heads. Pkt., 10c; oz., 25c; ¼ lb., 75c.

New Fordhook Bush Lima

## Mangel Wurzel

Sow in May or June in drills 2 ft. apart. When well started thin to 9 inches apart in the row. Cultivate shallow and often.

- Golden Tankard.** Medium length. Heavy cropper and high quality. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.
- Norbiton Giant Long Red.** Large size, immense cropper and good keeper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.
- Giant Half Sugar.** Rapidly gaining in favor. Contains more sugar than any other Mangels. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

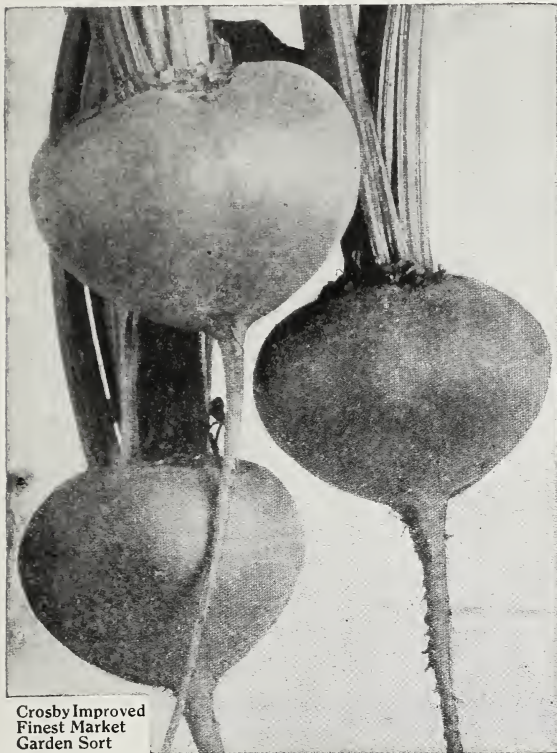
Golden Tankard Mangel

For Prices of Larger Quantities ask for our Wholesale List.



## GARDEN BEETS

For early supply sow as soon as the ground is in working order, in drills sixteen inches apart and one inch deep. When the plants are well forward, thin out to about four inches apart. For succession sow until July 1st.



Crosby's Improved  
Finest Market  
Garden Sort

### Crosby's Improved Egyptian Beet

A very superior Extra Early strain of Garden Beet which has been carefully selected for years. This beet excels in handsome form, good size, small tops, very small tap root, fine quality, and above all quick, rapid growth. Takes on its turnip shape very early, a decided advantage for forcing for real early market, and especially for a market where Beets are sold in bunches. Our stock is very carefully grown with special reference to market gardener's needs, and we highly recommend it. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c.

## Carrot

Carrots, to grow to perfection, require a rich, deep, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 3 inches in the row; sow for main crops in June and July.

**Extra Select Chantenay.** (See cut.) An excellent table variety, of a rich, dark orange color. In earliness it ranks intermediate between the Danvers and the Short Horn. It is of the style of the Danvers, but finer, and more symmetrical, and therefore better as a market carrot for the table. Prices, by mail, postpaid: Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**Extra Select Danvers.** This is a broad-shouldered Carrot of cylindrical form about 8 inches in length by  $2\frac{1}{2}$  inches in diameter at the shoulder. Color, orange-red; skin smooth; cooking qualities superb; in fact, no Carrot excels it in the essential qualities of uniform size, smoothness, sweetness, flavor and deep color. Prices, by mail, postpaid: Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**Selected Oxheart.** Used largely for stock. Thick stump rooted. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c.

**Early Scarlet Horn.** Specially fine for bunching early in season. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c.

**Improved Long Orange.** Very popular for main crop; heavy yielder. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**Rubicon.** Similar to Danvers, a little thicker. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**Large White Belgian and Large Yellow Belgian.** Either sort at Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.



Johnson's  
New Wonder

## BEET

**Johnson's New Wonder.** This Beet is the result of many years of expert selection with a special strain of Crosby's as a basis. In this new beet we have perfect form, small tops and tap root, beautiful color, and extra early maturity. For forcing and bunching it is unequaled by anything on the market while the rich color, tenderness and flavor of the flesh make it extremely desirable on the table. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**Detroit Dark Red.** One of the most popular kinds for second planting. Also excellent for late crop and for canning. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**Eclipse.** Flesh deep blood-red, firm and sweet. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**Improved Early Blood Turnip.** Good form, dark red, well flavored; a favorite for Summer and Winter use. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**Long Smooth Blood.** Withstands drouth, very dark red. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**Lane's Imperial Sugar.** Very high feeding value for stock. Oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.35.

**New Crimson Globe.** Color is deep blood red; fine grained, and of unsurpassed quality. The foliage is small—leaves all grow from a very small crown in the top of the bulb. The Beets are entirely free from fibrous rootlets, having only a slender taproot. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c.

**Swiss Chard.** Used for greens. Also leaf ribs may be cooked and served like Asparagus. Prices: Standard kind, pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c.

**New Giant Lucullus.** Swiss Chard. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 90c.

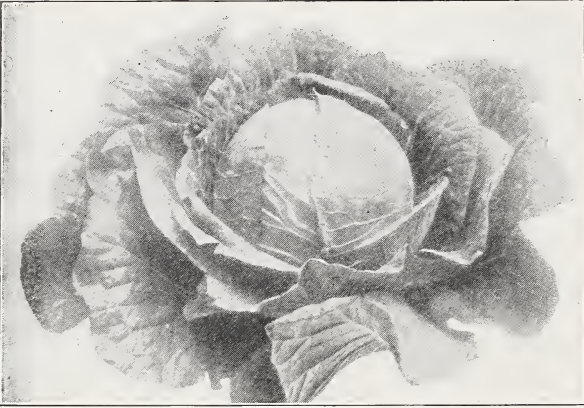


Extra Select Chantenay



## CABBAGE

For very early use in January or February in hotbeds; prick out the plants into other hotbeds, or sow in hotbeds in March. Transplant to the open ground when danger from killing frosts has past, in rows 2 feet apart and 18 inches from plant to plant. For succession, sow in the open ground the last of March or early in April. The autumn and winter varieties may be sown early in May in shallow drills 3 or 4 inches apart; transplant early in July, making the rows about 2½ feet apart, and setting the plants 2 feet apart in the rows.



Copenhagen Market

### Copenhagen Market

This most valuable early cabbage from Denmark, produces a large globe shape head, which comes into market along with Charleston Wakefield. It is well known that Denmark is a great Cabbage and Cauliflower country, and our seed comes direct from the originator. Produces fine, large heads uniform in shape and size and very solid, with few loose leaves. It is a vigorous grower and an excellent keeper. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.50.

### Johnson's Premium Flat Dutch Cabbage

Continued care and critical selection on the part of our grower have given us a very thoroughbred strain of this standard Cabbage. The heads are of the bluish green color, flat on top, and are solid and large. Has no useless outer leaves and grows low with short stem. It cuts white and crisp, the flavor is excellent, with no stringiness. This strain is slightly earlier and quicker growing than most of the Premium Flat Dutch that is offered, and is quite free from a tendency to burst. We do not hesitate to recommend our stock to even the largest growers, as it has been so long bred to a standard that it can truly be called a pedigree strain. Our seed has come from the same grower for over 20 years. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.25.



**New Chinese Cabbage.** This new Chinese Cabbage has such a delicate flavor that it has been variously named, "Odorless Cabbage," "Celery Cabbage," etc. We earnestly advise all who want something new and better, to try it. Grown same as Cabbage. Makes an extra fine salad. Pkt., 10c; ½ oz., 20c; oz., 35c.

**Charleston Wakefield.** Not quite as early as the regular Jersey Wakefield, but the heads are considerably larger in size, very solid. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**Select Early Jersey Wakefield.** The standard early variety, conical in shape; medium-sized heads; very solid. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**All Head Early.** Quite early; very solid and a compact grower. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**Glory of Enkhuizen.** A standard early variety of the round headed type; grown to a good size. Pkt., 10c; ½ oz., 35c; oz., 60c.

**Henderson's Early Summer.** Matures about ten days later than Jersey Wakefield; large, solid, flat heads of superior quality. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.50.

**Succession.** About one week later than Early Summer, but is double the size; very uniform and a sure header. One of the finest mid-season Cabbages grown. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**All Seasons (Selected).** Whether for medium early, main crop or late use, this is unsurpassed by any other sort. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.60.

**Large Late American Drumhead.** One of the largest, most solid, and best keeping late varieties. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.25.

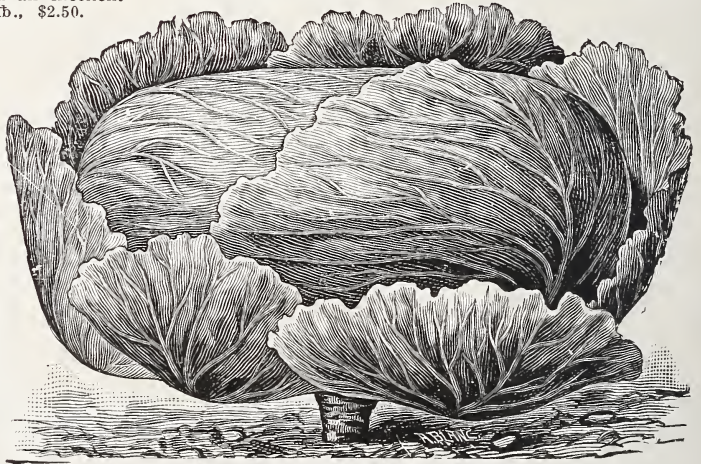
**Perfection Drumhead Savoy.** For Winter use, this variety is unsurpassed; heads large and solid, very tender and of excellent flavor. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.50.

**Mammoth Red Rock.** The largest and most reliable heading red cabbage yet introduced; round, solid heads of deep red color. Pkt., 5c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

**Danish Ball Head, Short Stem.** Our stock is direct from best grower in Denmark. Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.50.

**Volga or Early Stonehead.** A splendid sort for either early or fall planting. Very solid. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25.

If above Seeds are wanted in larger lots, please ask for our Wholesale List.



Johnson's Premium Flat Dutch

## CAULIFLOWER

Cauliflower succeeds well in any soil where Cabbages will grow. It delights in a rich soil and abundance of water. By sowing the early varieties in a hot-bed in February or March, fine heads can be obtained in May or June. For a later supply sow seed in a prepared bed in May, choosing a cool, moist place. When large enough, transplant, making the rows about 2½ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

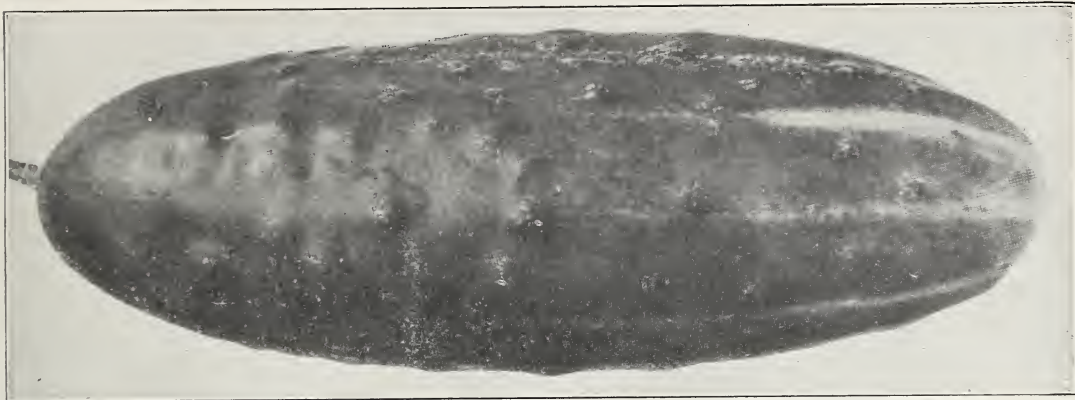
We challenge comparison of our Cauliflower seed with stock offered by any one. It comes from the most reliable growers in Denmark and no expense is spared to get the best.

**Gilt Edge Snowball.** Very early and compact. Most reliable for heading. Genuine Denmark grown. Pkt., 25c; ¼ oz., \$1.25; ½ oz., \$2.00; oz., \$3.50.

**Extra Early Dwarf Erfurt.** This is a very reliable and popular variety when our select seed is used. We spare no pains to handle only the best seed grown. Heads very white, compact and close. Pkt., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.

**Danish Giant or Dry Wather.** Quite early and will succeed when other sorts fail. Pkt., 25c; ¼ oz., \$1.25; ½ oz., \$2.00; oz., \$3.50.





Johnson's Perfect White Spine

## CUCUMBER

**Culture.**—Flourish best in a rich, warm, sandy loam. Sow when danger of frost is over, in hills 4 to 5 feet each way. As the young plant has many enemies sow thickly half an inch deep, and thin out finally to three or four plants to the hill. Use one ounce of seed to 75 hills; two or three pounds to the acre. Gather cucumbers (by cutting, not tearing). Leave none to ripen if you want a full crop. Use Bug Death or Slug Shot to keep down bugs.

**Johnson's Perfect White Spine.** (See cut above.) This is the finest type of White Spine in cultivation. Perfect shape and dark green color. The result of many year's selection. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c.

**Extra Long or Evergreen White Spine.** Vines are of vigorous growth with large, heavy foliage, thus resisting attacks of insects, etc. The color is rich, dark green, always straight, and never turn yellow. Our strain is the result of years of careful selection for uniformity and prolificness. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**Selected Davis' Perfect.** A long type of White Spine. Very dark green color and handsome shape. Our stock is very select. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c.

**Arlington White Spine.** Very popular strain of White Spine.

Our seed is very select. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**Improved Long Green.** A late variety especially adapted for pickles. Deep green color and pleasant flavor. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**Early Russian.** Extremely early, forming short thick pickles. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c.

**Boston Pickling.** The favorite for pickles rather short dark green. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c.

**Jersey Pickling.** Extremely productive and very popular. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c.

**Early Cluster.** Bluish green; grows in clusters. Fine for pickles. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c.

**Green Prolific or Chicago Pickling.** Handsome shape, medium size. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c.

**Japan Climbing.** Fine for home use. Long, slim shape. Pkt., 5c; oz., 20c.

**West India Gherkin.** For pickling. Fruit is prickly. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c.

**Rollison's Telegraph.** For greenhouse forcing. Pkt., 25c

**Carter's Model.** For greenhouse forcing. Pkt., 25c.

## CELERY

Sow very early in Spring in moist, rich ground; when the plants are from 4 to 6 inches high transplant into trenches 4 inches deep, 9 inches wide, and 3 feet from trench to trench; set the plants 6 inches apart in rows.

**Golden Self-Blanching.** We are very proud of the showing made by our stock of Golden Self Blanching in the Cleveland markets last season. Our seed of this variety comes to us every season direct from the originator in France, and our rapidly increasing trade is abundant evidence of its high quality. It is now the leading sort on all markets as an early Celery. Its rich yellow color is very attractive. It comes into market as soon as any other sort. It is of dwarf, compact habit and blanches readily. Pkt., 10c; oz., \$1.75;  $\frac{1}{4}$  lb., \$6.00.

**Columbia.** Stalks are thick, almost round, and resemble Giant Pascal in shape, but are of a rich, yellow color, similar to the well-known Golden Self-blanching. It matures early and its exceedingly fine flavor and crispness will please the most critical. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**New Easy Blanching.** This fine new celery is about two weeks later than Golden Self Blanching, but blanches much easier and much superior in quality. Pkt., 10c;  $\frac{1}{2}$  oz., \$1.10; oz., \$2.00.

**Giant Golden Heart.** One of the finest and largest of the winter sorts. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Winter Queen.** A splendid variety. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Giant Pascal.** Strictly French grown seed. No other sort equals Giant Pascal for Winter use at home and for nearby markets. It is too crisp for shipping. The stalks are remarkably large, thick, solid and entirely stringless. Very crisp and brittle, snapping like glass. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75.

**Henderson's White Plume.** A most popular variety, requiring very little banking up; fine flavor, and very tender. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 75c.

## Celeriac, or Turnip Rooted Celery

**Large Smooth Prague.** This is the best of the turnip rooted sorts. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 85c.

## Chervil

**Curled.** Leaves used for flavoring soups. Pkt., 5c; oz., 10c  $\frac{1}{4}$  lb., 25c

## Collards

**Georgia.** Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.



## Chicory

**Witloof.**—Known in restaurants as French Endive. Sown in May and June in drills. Transplant or thin to 6 inches; treat as Endive, except that late in summer or fall it should be gradually banked up like celery. The stalks, when blanched, make a delicious salad. It may also be allowed to grow in the garden until the tops die down, leaving a root somewhat like a parsnip. These are taken into a shed and kept in a heap of soil away from frost and light, to be transferred to a hothouse when needed to produce their blanched heads during winter. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., 90c.



## SWEET CORN

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue every two weeks, until the middle of July, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill.

Owing to unfavorable weather Sweet Corn is very scarce.

### Early Varieties

**Earliest Mayflower.** This is a ten to twelve rowed corn, larger than Mammoth White Cory and from three to five days earlier. Three season's trials of this splendid sort have convinced us that it is the coming extra early Corn. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

**Golden Bantam.** Produces ears measuring about five inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. By all odds the finest extra early variety when quality is considered. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

**Kendel's Early Giant.** Large, handsome ears of fine quality, very early. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

**Howling Mob.** A large eared early sweet corn, ready for use about five days later than First of All, generally producing two good ears to a stalk, averaging 7 to 9 inches long, with 12 to 14 rows of pearly-white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

**Mammoth White Cory.** Considered one of the best early Sweet Corns. It produces stalks about four feet high, each generally bearing two large, finely shaped ears which become fit for use in about 72 days. They are 12 rowed, six to seven inches long, very symmetrical and handsome, seldom with any opening between the rows at the base. Grain large, broad, very white and of remarkably good quality for such an early sort. Its size and beauty give it ready sale even when the market is overstocked. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

### Second Early

**Black Mexican.** When in table condition the grains are pure white and quality delicious. Pkg., 10c;  $\frac{1}{2}$  pt., 25c; pt., 40c; qt., 65c.

**Early Evergreen.** Ripens about ten days earlier than Stowell's Evergreen, ears large and uniform. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

**Early Mammoth.** Very large ears, fine quality. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

### General Crop

**Stowell's Evergreen.** The most popular variety grown, ears large and very sweet. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

**Country Gentleman.** The finest of all sweet corns for the table, and when once used no other sort is quite good enough. The milky kernels are plump, pearly white and tender. A very heavy husk protects this Corn so that it retains its tenderness and keeps it "in the milk" a surprisingly long time. Ears average eight to nine inches in length; cobs small and grain very deep. All in all, we heartily recommend it as the best Corn for main crop. Pkg., 10c;  $\frac{1}{2}$  pt., 30c; pt., 50c; qt., 90c.

### Pop Corn

**Monarch White Rice.** This is the best Pop Corn for home or market. Select Ears. lb., 20c; 3 lbs., 50c; 10 lbs., \$1.50.

### Cress

**Curled, or Pepper Grass.** Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**True Water Cress.** Pkt., 10c; oz., 35c.

### Corn Salad

**Large Round Leaved.** Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

### Dandelion

**Improved Thick Leaf.** Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75.

### Dill

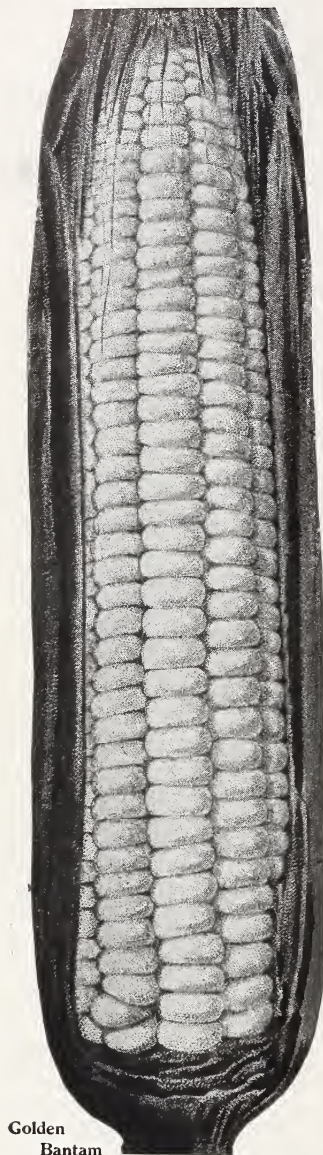
**Long Island Mammoth.** We carry only the very best obtainable stock of Dill Seed. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

### Egg Plant

For best results, Egg Plants require rich soil, moisture and warm weather. Sow in gentle heat from middle March to middle April. Transplant from June 1st to June 15th., setting the plants about 3 feet apart each way.

**Black Beauty.** A splendid sort about two weeks earlier than New York Improved. Color, dark rich purple. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

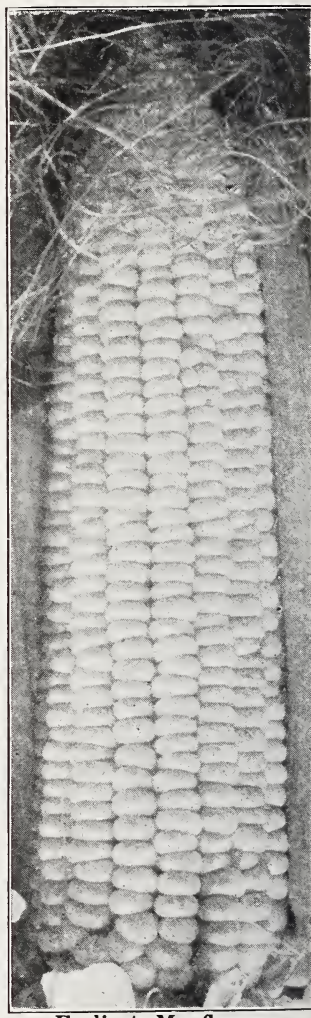
**New York Improved.** The most popular main crop sort, the fruit being the largest and handsomest of all. It is very solid and of rich shining deep purple color. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.



Golden  
Bantam

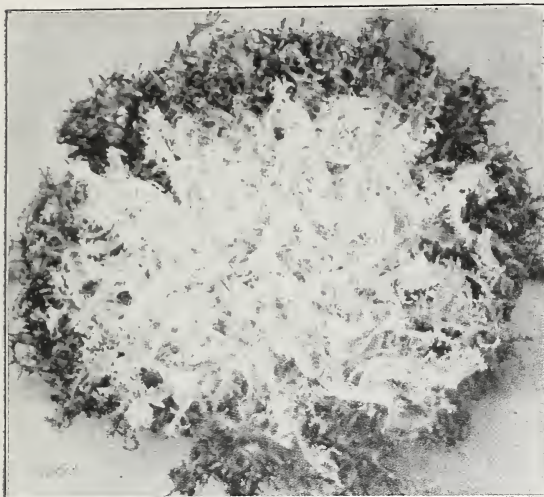


New York Improved Egg Plant



Earliest Mayflower





**Green Curled Endive**  
**Endive**

One of our best salad plants, especially valuable for winter use. For a first crop, sow about the middle of April; for succession, small sowings may be made every month until August, when the main planting is made. Set out the plants one foot apart.

**Green Curled.** A hardy, vigorous growing endive with bright deep green leaves. The midribs of the outer leaves are usually tinged with rose. The dense mass of deeply divided leaves formed in the center blanches very readily to a rich cream color. This sort is highly esteemed for the market and home garden, and is much used for salads. Pkt., 5c; oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c.

**White Curled.** Blanches rapidly; excellent, and very tender. Pkt., 5c; oz., 20c; 2 oz., 35c;  $\frac{1}{4}$  lb., 60c.

**Broad Leaved Batavia (Escarolle).** Leaves long and broad, thick and succulent. One of the choicest salads. Pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., 60c.

### **Kale or Borecole**

Sow about middle of April in well prepared beds covering thinly and evenly. Plant out in July like Cabbage and give same culture.

**Dwarf Scotch.** Very hardy, nicely curled. Most popular sort. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c.

**Dwarf German Greens.** (Siberian). Dwarf green curled. Very hardy. May be sown in August. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c.

**Tall Scotch.** Grown tall and very curly. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c.

### **Kohl Rabi**

Sow in May or June in rows about 18 inches apart. Thin to 4 inches in row.

**Early White Vienna.** Flesh clear white, outside greenish white. Most popular. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 90c.

**Early Purple Vienna.** Same as above excepting skin is purple. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 90c.

**Large Green.** A late, very large-growing sort with immense bulbs, stems and leaves. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 90c.

### **Garden Roots for Planting**

#### **Horse Radish**

"Maliner-Kren"

This new variety from Bohemia is larger, earlier and whiter than the common kind. We highly recommend it. Choice sets, 6 for 15c; 25c per doz. 50 for 75c; \$1.25 per 100.

**Common Variety.** Very choice sets grown by an expert. 15c per dozen; \$1.00 per 100.

**Asparagus Roots.** See page 3

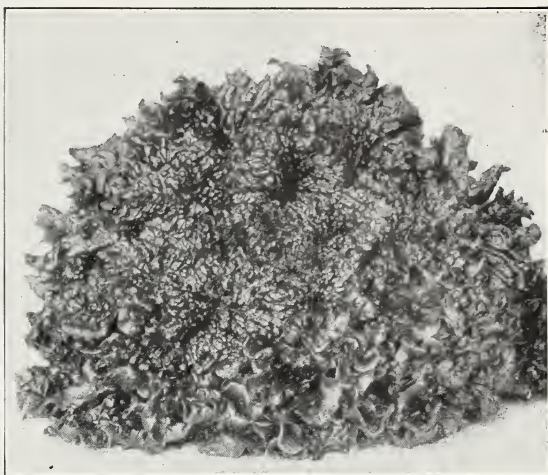
**Artichoke Roots.** See page 3.

#### **Garlic**

This is extensively used in many places for flavoring soups, stews, etc. The sets should be planted early in Spring. Cultivate like onions.  $\frac{1}{4}$  lb., 30c; lb. \$1.00.



**Horse Radish**



**Black Seeded Simpson**

### **LETTUCE**

Lettuce thrives best in a light, very rich, moist soil. For first crop sow in gentle heat in February, and transplant to 10 inches apart. For a Summer supply sow thinly in shallow drills 18 inches apart, and transplant or thin out, leaving a foot between the plants. Sowing may be made from April to the end of August.

#### **Butter Head Varieties**

**Big Boston.** Fine for forcing in coldframes. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Dreer's Allheart.** Splendid for indoor forcing or for very early out door heads. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Burpee's Wayahead.** A new and very desirable early heading sort for out door culture, in the home garden. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Unrivalled.** This is similar to Big Boston excepting that the leaves are solid green and not tinged at edges. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Early Prize-Head.** Very popular. Produces large loose heads and is most excellent for summer use. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**California Cream Butter.** A splendid Cabbage Lettuce; outside leaves light green, inside crystal white, with yellow heart. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Tennis Ball.** The best heading variety for use under glass. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Hanson Improved.** Heads large, and stands the Summer well. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Improved Salamander.** Large heads that stand the drought and heat longer than any other. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Mammoth Black-Seeded Butter.** A large head of splendid quality. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**May King.** Extra large, round solid heads. Very early. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

#### **Loose-Leaved Varieties**

**Grand Rapids Forcing.** Crisp and tender; leaves frilled. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Black-Seeded Simpson.** (See cut.) A superior variety; large compact leaf growth. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

#### **Romaine, or Cos Varieties**

**Trianon Self-Closing Cos.** Leaves long, narrow, forming close upright heads. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Paris White Cos.** Very early, requires tying to blanch. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

#### **Leek**

Sow as early in Spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high, transplant in rows ten inches apart each way.

**Large American Flag.** The most desirable for family use. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25.

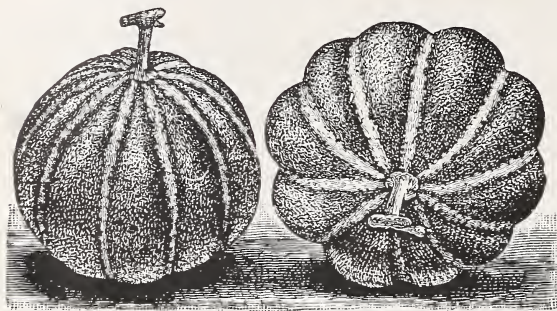
**Carentan.** A very large variety of superior quality. Pkt. 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25.

#### **Rhubarb Roots**

We do not handle the heavy, awkward, divided roots, but fine shapely seedlings. We have a fine stock, which we offer as follows: 10c each; \$1.00 per dozen.



## Food Will Win the War — Use Johnson's "Seeds that Produce."



**Emerald Gem Melon**  
**Melon, Musk**

After all danger of frosts is over, and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up, and all danger of insects has passed, pull out all but 3 plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting.

**Honey Dew.** This new sort is well worthy of a trial by all who love Muskmelons. It has not been grown extensively as yet and may not succeed everywhere. Where climate and soil suit, its quality is magnificent. It has created sensations wherever high class hotels have served it and has become famous in one season. We offer strictly high grade seed as follows. Pkt., 10c; ½ oz., 20c; 1 oz., 35c.

**Selected Osage.** Well suited to sandy soil. Yellow flesh, fine quality. Pkt., 5c; oz., 10c; ½ lb., 30c.

**Paul Rose.** Fine for clay soil. Salmon flesh, size medium. Very early. Pkt., 5c; oz., 10c; ½ lb., 20c.

**Irondequoit.** Fruit large; well netted; early and of exquisite quality; salmon flesh. Pkt., 5c; oz., 15c; ½ lb., 45c.

**New Fordhook.** Salmon flesh, flattish shape, well netted, flesh thick, very early. Pkt., 5c; oz., 10c; ½ lb., 25c.

**Emerald Gem.** (Salmon flesh.) This beautiful melon is early and prolific. It is truly a gem. The ribs are marked, but the skin is smooth, of a deep emerald green color. The flesh is thick and firm, ripening almost to the rind. Being very early it is well adapted to this locality. Noted for its high quality. Pkt., 5c; oz., 10c; ½ lb., 30c.

**Tip Top.** Select Stock. Good size, superb quality salmon flesh. Our stock is gilt edge. Pkt., 5c; oz., 10c; ½ lb., 35c.

**Ex. Ea. Hackensack.** Standard extra early sort. Green flesh. Pkt., 5c; oz., 10c; ½ lb., 20c.

**Netted Gem or Rocky Ford.** The melon which made Rocky Ford famous. Small, very early, green flesh. Pkt., 5c; oz., 10c; ½ lb., 30c.

## Melon, Water

**Cole's Early.** Very early. Large heart, flesh of fine texture and good flavor. Rind thin. Pkt., 5 cts.; oz., 15c; ½ lb., 40c.

**Ice Cream.** Exquisite quality; red flesh; medium size; quite early. Pkt., 5c; oz., 15c; ½ lb., 30c.

**Sweetheart.** Large, very fine flavor, solid, fine shipper. Pkt., 5c; oz., 15c; ½ lb., 30c.

**Phinney's Early.** The finest of all the early maturing melons of medium size and oblong shape. The rind is thin. The red flesh is very sweet and tender. The vine is productive and a sure cropper, the melons maturing early. Adapted to all sections, and does exceptionally well in the Northern States. The very quickest sort to mature. Pkt., 5c; oz., 15c; ½ lb., 30c.

**Peerless.** Very similar to Ice Cream. Quality fine. Pkt., 5c; oz., 15c; ½ lb., 30c.

**Kleckley Sweet.** A new melon. Very popular Long, dark, exquisite quality. Pkt., 5c; oz., 15c; ½ lb., 30c.

**Citron.** For preserving. Very hardy and productive. Good keeper. Pkt., 5c; oz., 15c; ½ lb., 30c.

## Mustard

Sow thickly during early Spring, in shallow drills 12 inches apart. For Fall use, sow in September.

**Black Seeded.** Good for culinary use. Pkt., 5c; oz., 10c; ½ lb., 30c.

**White London.** Leaves used for salads while young. Pkt., 5c; oz., 10c; ½ lb., 30c.

**Okra**

Sow after the middle of May, or early in June, in rich soil, in drills about an inch deep and 3 feet apart; thin out to 8 inches.

**Dwarf White Velvet.** Tender white pods, smooth and velvety appearance. Pkt., 5c; oz., 10c; ½ lb., 30c.

**Long Green.** Long tipped pods. Pkt., 5c; oz., 10c; ½ lb., 30c.



**ONION**

**Ohio Yellow Globe.** Our seed of this finest of all Yellow Globe Onions is grown in Lake Co., Ohio, by one of the most expert onion men in the state. The strain is distinguished by a distinct, attractive shape and a handsome bright even yellow color, ripens early and all at once; neck very small, and cure down to almost nothing. The firm, solid bulbs are excellent winter keepers, and all that can be desired in size and quality; enormous yielders—800 bushels per acre are frequently grown on rich onion land. This is a superb onion for all classes of soil and especially good for all northern Ohio onion sections on account of its quick maturing qualities. Prices of select stock grown in Northern Ohio, pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

**Large Red Wethersfield.** Not extra early, but very large, flat, red sort. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

**Southport Red Globe.** Select Stock. Immense yielder. Very popular where our genuine seed is used. Pkt., 10c; oz., 60c; ¼ lb., \$1.75.

**Yellow Globe Danvers.** Select stock. The standard sort so long in use. Good keeper and yielder. Pkt., 10c; oz., 50c; ¼ lb., \$1.65.

**Mammoth Yellow Prizetaker.** American Grown seed. Grows very large and handsome. White flesh, mild flavor. Pkt., 10c; oz., 60c; ¼ lb., \$2.00.

**Southport White Globe.** A globe magnificent shape white variety, very popular. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

**White Portugal.** Very early, flat white sort. Mild flavor. Largely used for growing sets. Pkt., 10c; oz., 65c; ¼ lb., \$2.00.

**White Queen.** Used to produce pickling Onions. Pkt., 10c; ½ oz., 40c; oz., 75c.

## Onion Sets

Sets will produce green onions much quicker than seed. As soon as the ground can be worked in Spring, set in rows 1 foot apart and three inches in the row. For succession continue planting every two weeks.

**White Bottom Sets.** Mild flavor. Very popular. Quart 50c.

**Yellow Bottom Sets.** Preferred by many on account of stronger flavor. Quart 40c.

**Egyptian Winter Sets.** Plant in August and September for use late in fall and following Spring. Very hardy. Quart 30c.

Ask for Wholesale Prices on Larger Lots.

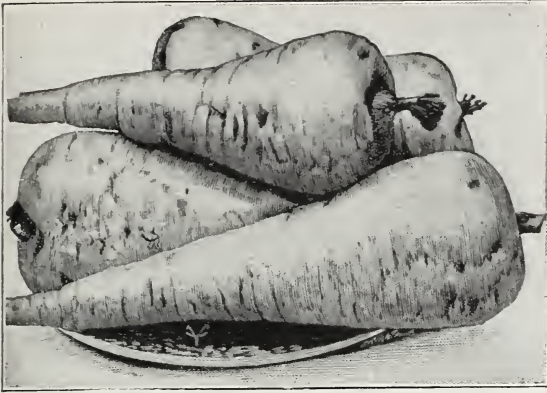
## Parsley

**Culture.**—Soak seed for several hours and sow in border or frame. Thin the rows or transplant to 8 inches each way. Use one ounce of seed to 150 feet of drill. Make open air sowing in April.

**Champion Moss Curled.** A choice, selected strain, with beautifully crimped and curled leaves. Pkt., 5c; oz., 15c ½ lb., 40c.

**Hamburg Turnip-Rooted.** The root, which resembles a small parsnip, is the edible portion of this variety. Extensively grown and used for flavoring soups, etc. Pkt., 5c; oz., 20c; ¼ lb., 50c.





Improved American Hollow Crown

### Parsnip

Culture.—Parsnips do the best in deep, rich, sandy soil, but will make good roots on any soil which is deep and mellow and moderately rich. As the seed is sometimes slow to germinate it should be sown as early as possible; cover one-half inch deep, and press the soil firmly over the seed; give frequent cultivation and thin the plants 6 or 8 to the foot. One ounce will sow 150 feet of drill; 5 lbs., one acre.

**Improved American Hollow Crown.** An improved strain of the old standard Hollow Crown. This has been selected for handsome form, whiteness of skin and flesh, firm, solid texture, good size, uniform shape and freedom from tendency to side roots. Pkt., 5c; oz., 25c; ¼ lb., 75c.

## GARDEN PEAS

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam is the best. When grown in gardens sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; and continue for a succession every two weeks until June. One quart for 8 rows 10 feet long.

### Early Varieties

Of these early varieties, the Alaska and First and Best are noted for extreme earliness but not for best quality. Should be planted as soon as soil can be worked.

**Alaska.** The very earliest sort. Sometimes called First of All. Pkg., 10c; pt., 35c; qt., 65c.

**First and Best.** Being a round, hard-shelled variety it can be sown when frost is barely out of the ground. Height, 2½ ft. Pkg., 10c; pt., 35c; qt., 65c.

**New Extra Early Pilot.** The pods and peas are nearly as large as those of Gradus, while they are produced three days earlier—as early as the best selected small smooth-seeded extra-earlies. They can be planted, of course, much earlier than Gradus, and while not wrinkled, the peas are almost equal in flavor. Pkg., 10c; pt., 30c; qt., 50c.

**American Wonder.** Good early sort; height 10 to 12 inches. Pkg., 10c; pt., 35c; qt., 60c.

**Nott's Excelsior.** An improvement on American Wonder, being as early and pods decidedly larger. Height, 14 inches. Pkg., 10c; pt., 35c; qt., 60c.

**Sutton's Excelsior.** The finest early, large-podded dwarf wrinkled pea. 1½ feet. Pkg., 10c; pt., 40c; qt., 75c.

**Laxtonian.** 15 to 18 inches high, very large pods, similar to Gradus in shape. Quality splendid. Highly recommended. Pkg., 10c; pt., 40c; qt., 75c.

**Thomas Laxton.** The plant is a very hardy and strong grower, producing extra large size pods in abundance. The quality is delicious, and cannot be surpassed by any other variety. Pkg., 10c; pt., 40c; qt., 75c.

**Little Marvel.** New and a great acquisition. Height 15 inches. Peas deep green, extra early, large pods, heavy copper. Pkg., 10c; pt., 35c; qt., 60c.

## MUSHROOM SPAWN

**Have Fresh Mushrooms on Your Table Every Day**

**Pure Culture** (in bricks). The finest quality. This is vastly more dependable than the old style of English Milltrack Spawn, and costs but little more. Brick, 25c each; 10 bricks, \$2.00. Ask for prices on large lots. Free Leaflet on Mushroom Culture on request.

## Pepper

Sow early in hotbed but do not transplant until weather is warm and settled as they are very tender. Select warm, sandy soil well enriched for best results.

**Ruby King.** Large, mild flavored. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

**Sweet Mountain.** Standard sort; very sweet. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

**Large Bell, or Bull Nose.** Earliest sweet pepper. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$2.00.

**Long Red Cayenne.** Small, long, slim, very hot. Pkt., 5c; ½ oz., 35c; oz., 60c.

**Red Chili.** Small, bright red; very hot. Pkt., 5c; ½ oz., 35c; oz., 60c.

**Chinese Giant.** Largest of all. Very mild. Pkt., 10c; ½ oz., 40c; oz., 75c.

**Perfection Pimento.** This new pepper is especially desirable for the home garden both green and ripe. It is so smooth and uniform in shape that the skins can be easily slipped off by scalding a few seconds in hot water. It can also be pared like an apple by using a sharp knife. The green peppers can be pared best in this way. The hull or meat is from two to three times as thick as that of the old "Bell" types, and yields 50 percent more edible product to the same measurement. In quality it is very sweet and delicious and entirely free from pungency. In color when ripe it is a beautiful scarlet red. It is very productive, yielding heavy crops until cut off by frosts. Pkt., 10c; ½ oz., 40c; oz., 75c.

## Pumpkin

Usually grown in corn. Very useful for stock.

**Connecticut Yellow Field.** The common Yellow sort. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**Small Sugar.** Very early. Finest for pies. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.50.

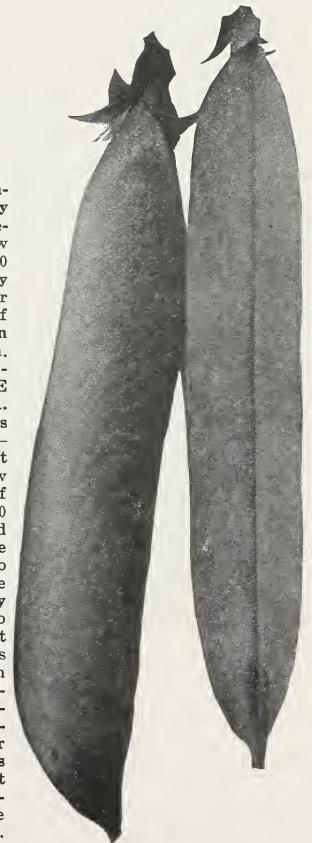
**Cushaw.** Large crook neck. Very sweet. Pkt., 5c; oz., 15c; ¼ lb., 50c.

**Large Cheese.** Fine grained, yellow flesh. Pkt., 5c; oz., 15c; ¼ lb., 50c.

### Gradus or Prosperity

**WITHOUT A RIVAL  
FOR TABLE  
QUALITY.**

An Extra Early Wrinkled Pea, hardy, early and profitable. This remarkable Pea has now been on the market 10 years, and has steadily grown in popular favor until today it is one of the most widely known varieties in cultivation. The secret is that it produces a TELEPHONE POD as early as Alaska. Then, too, its quality is of the highest order—fully equal to the finest late wrinkled marrow grown. The vine is of vigorous growth, about 30 inches in height on good soil. The pods are borne abundantly, and are so large and fine that the basket fills surprisingly fast. As many as 8 to 10 peas of the largest size and most luscious quality are found in each pod. For the home garden it is perfectly adapted, on account of earliness and quality. For the market gardener it is the most profitable sort on account of the earliness combined with size of pod. (See cut.) Pkg. 10c; pt., 40c; qt., 75c.



**FOOD WILL WIN THE WAR—PRODUCE IT.  
"JOHNSON'S SEEDS PRODUCE."**



**Food Will Win the War— Produce It. "Johnson's Seeds Produce"****Garden Peas—Continued****Second Early and Medium Varieties**

**Carter's Daisy.** Pods containing 8 to 9 large wrinkled Peas equal to telephone pods. Sometimes called Dwarf Telephone. Pkg., 10c; pt., 40c; qt., 75c.

**Advancer.** Prolific, well-filled pods, tender and delicious. 2 feet. Pkg., 10c; pt., 35c; qt., 60c.

**Premium Gem.** A medium early green wrinkled Pea, which is exceedingly prolific. Height 12 in. Pkg., 10c; pt., 35c; qt., 60c.

**"Alderman."** A remarkably strong growing, main crop variety of the Telephone type, with enormous dark green pods, containing 8 to 10 large, wrinkled Peas of immense size; very tender and luscious. 4 to 5 feet high. Pkg., 10c; pt., 35c; qt., 65c.

**Telephone.** Immensely productive and of the finest quality. The pods are of large size, containing 6 to 7 Peas, which are of pale green color, of delicious flavor. 3½ feet. Pkg., 10c; pt., 35c; qt., 65c.

**Duke of Albany** Prolific, upright and branching in habit, large pods well filled with extra large green peas. Height 3½ feet. Pkg., 10c; pt., 35c; qt., 65c.

**General Late Crop**

**Dwarf Defiance.** Very large pods, dark green. Peas large and very sweet. Pkg., 10c; pt., 40c; qt., 75c.

**Improved Stratagem.** Pods of immense size, filled with very large dark green Peas of the finest quality; height, 18 inches. Pkg., 10c; pt., 40c; qt., 75c.

**Pride of the Market.** A dwarf Pea of vigorous habit and very productive. The pods are large, of a medium green color, and contains 7 to 9 Peas of fine quality. 2 feet. Pkg., 10c; pt., 30c; qt., 55c.

**Champion of England.** A popular wrinkled variety, of delicious flavor; profuse bearer. Peas are large and very tender. 5 feet. Pkg., 10c; pt., 40c; qt., 75c.

**Large White Marrowfat.** Large well-filled pods. Height, 5 feet. Pkg., 10c; pt., 25c; qt., 45c.

**Black-eye Marrowfat.** Extensively grown as Field Peas. Hardy, productive, and bears well-filled pods. Height, 4 feet. Pkg., 10c; pt., 25c; qt., 45c.

**Canada Field.** Will quote lowest possible prices on application.

**SEED POTATOES****Northern Grown**

Our Potatoes are all Choice Northern Grown, especially for seed purposes. The following prices are based on values existing at the date of going to press with this catalog in December. We are often able to make material reductions during the winter or spring to purchasers of large lots. Correspondence invited, and we suggest that you either call at our store or let us quote by letter, when you are ready to buy. Prices subject to change.

**Extra Early Ohio****Extra Early Ohio, Northern Grown**

Our Genuine Extra Early Ohios are now well known to our old customers but for the benefit of those who have not tried them we wish to say that our seed is grown with just as much care as is bestowed on Pedigree Seed Corn. It is astonishing how much mixed and "run down" stock is annually foisted on Market Gardeners by unscrupulous dealers. We challenge comparison with the best seed offered anywhere. Prices of our Genuine Extra Early Ohios, by mail, postpaid: lb., 25c. Not prepaid: ½ pk., 70c; pk., \$1.20; bu., \$4.00; sack (165 lbs.) \$9.75.

We have genuine stock of this first-class standard variety. ½ pk., 70c; pk., \$1.20; bu., \$4.00; sack (165 lbs.) \$9.75.

**Carman No. 3****Carman No. 3**

Doubtless the most popular late potato and certainly one of the most worthy. It yields great crops of fine, large, smooth potatoes, even under the most unfavorable circumstances. It grows a very strong, upright top with dark colored stalks and purple blossoms and is little affected by drought, blight or bugs. Prices, by mail, postpaid: lb., 25c. Not prepaid: ½ pk., 70c; pk., \$1.20; bu., \$4.00; sack (165 lbs.) \$9.75.

**Irish Cobbler**

The tubers of this splendid extra early sort are oblong in form with very shallow eyes and nearly pure white skin. In earliness this variety stands very near the head of the list. Its table quality can hardly be excelled and its shape is very advantageous for cooking quickly, either by baking or boiling. The tops die down as soon as the crop is matured, so that the potatoes may be dug and the land planted to second crops. Price, by mail, postpaid: lb., 25c; (Not prepaid: ½ pk., 70c; pk., \$1.20; bu., \$4.00; sack (165 lbs.) \$9.75.

**Early Bovee Potato****Early Bovee**

Almost as early as Extra Early Ohio. In competitive trials with other early sorts it has out-yielded them all. Vine dwarf and stocky. Tubers grow close together in the hill. Postpaid by mail: 25c lb. Not prepaid: ½ pk., 70c; pk., \$1.20; bu., \$4.00; sack (165 lbs.) \$9.75.

**Sweet Potatoes**

Owing to their perishable nature we do not keep them in stock but supply orders booked in advance. Our seed is of the best strain of Genuine Yellow Jersey direct from New Jersey. Pk., \$1.25; bu., \$4.00.



## RADISH

**RADISH—A SPECIALTY.** We maintain a very high standard in Radish seed, securing nearly all our stocks from the foremost French Growers.

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pitch. Rich, light, sandy soil suits them best. For the forcing crop, sow seeds in rot beds in rows 5 to 6 inches apart and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in mid-summer. Summer varieties are best adapted for general crop. An ounce of seed will sow about 75 feet of drill.

### Earliest Round Sorts

**Improved Scarlet Globe.** This new radish has a remarkable ability to bear the heat necessary for rapid growth without becoming pithy or losing flavor. As shown in the illustration, it is of surpassing beauty as regards shape and color. The flesh is crisp, tender, juicy and mild. The color is a rich scarlet. It has a smazy top and the roots are surprisingly uniform in shape and size. We offer only the most carefully grown seed. See cut. Pkt., 5c; oz., 20c; ¼ lb., 65c.

**Crimson Giant Turnip.** A round radish of large size for so early a variety. The roots are nearly globe-shaped, of beautiful crimson-carmine color and most excellent quality, often growing one and three-fourths inches in diameter before becoming pithy. Pkt., 5c.

**Early Scarlet Turnip.** A well-known and highly esteemed variety. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**Early Round Dark Red.** Same shape as the Scarlet Turnip, darker in color. Pkt. 5c; oz., 20c; ¼ lb., 60c.

**Prussian Globe.** Very rich red globe for forcing. Pkt., 5c; oz., 20c; ¼ lb., 65c.

**Fireball.** Extra early round dark red for forcing. Pkt., 5c; oz., 10c; ¼ lb., 20c.

**French Breakfast.** A favorable sort, mild and crisp. Pkt., 5c; oz., 20c; ¼ lb., 65c.

**White Tipped Scarlet Turnip.** For early planting in frames or outdoors. Pkt., 5c; oz., 20c; ¼ lb., 65c.

**Model White Box.** Its beautiful pure white color makes it very useful for mixing with other sorts. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**Rosy Gem.** An extra early strain of White Tip Scarlet Turnip, adapted to forcing. Pkt., 5c; oz., 20c; ¼ lb., 65c.

### Earliest Long Sorts

**Cincinnati Market.** The finest long Red Radish in cultivation, either for house or the market. (See illustration.) Skin scarlet covered, very thin, the flesh crisp, brittle and of delightful flavor. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**Iceicle.** Long white for forcing and out door planting. Pkt., 5c; oz., 20c; ¼ lb., 65c.

**Long Scarlet Short Top.** Very long and crisp. Pkt., 5c; oz., 10c; ¼ lb., 20c.

### Summer Sorts

**White Strasburg.** Shape tapering; skin and flesh both white, excellent Summer variety. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**Long White Vienna, or Lady Finger.** Pure white in color, of long tapering shape. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**Large White Summer.** Large size and fine form. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**Improved Chartier.** The color at the top is crimson, running into pink about the middle, and from thence downward is pure white. Splendid for summer use. Pkt., 5c; oz., 20c; ¼ lb., 60c.

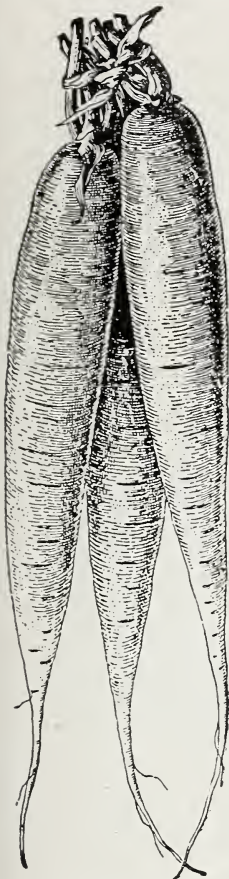
### Winter Sorts

**Rose China.** Bright rose color; fine for Winter use. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**Round Black Spanish.** Fine for Winter use. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**Celestial.** Flesh white and crisp; fit to use early in the Fall. Pkt., 5c; oz., 20c; ¼ lb., 65c.

**California Mammoth White Winter.** A white-fleshed Radish of excellent quality. Pkt., 5c; oz., 20c; ¼ lb., 65c.



Cincinnati Market

## Rhubarb

Sow the seed early and, when the plants are large enough, thin them to 4 or 5 inches apart. The next spring or fall transplant them 3 feet apart each way in deep, rich soil.

**Victoria.** The standard sort in use everywhere. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**Rhubarb Roots.** Each 10c; doz., \$1.00.

## Sorrel

**Culture.** For spring and summer use sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September in well-manured ground; cover with straw on the approach of severe cold weather. New Zealand Spinach, which requires more room, may be started from seed early in spring to give greens during the heat of summer.

## Spinach

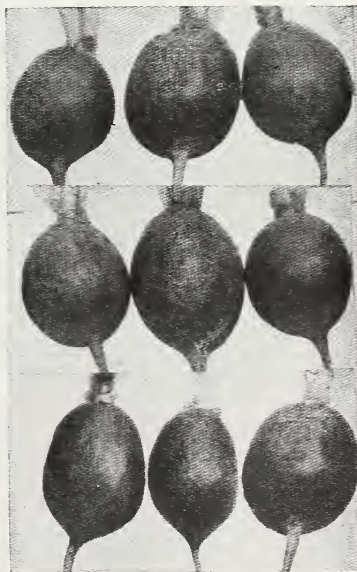
**Improved Thick Leaf.** (Viroslay.) Produces large, thick, bright green crumpled leaves of fine quality; very slow in running to seed; one of the best market sorts. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**Victoria.** Very heavy, broad, deep green, crumpled leaves; of fine, succulent quality; it stands in prime condition long after other varieties have bolted to seed, rendering it especially valuable for spring sowing and summer use. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**Long Standing Prickly Seeded.** Matures a little later than the round seeded sorts. The plant is very large, very vigorous and hardy, and yields a large quantity of leaves, thick and uniformly green. Pkt., 5c; oz., 15c; ¼ lb., 50c.

**Long Season.** All that its name implies. Leaves thick, tender and succulent. Very dark green color. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**New Zealand Summer.** Growing rapidly in favor. Can be cut many times. Pkt., 10c; oz., 30c; ¼ lb., 80c.



Improved Scarlet Globe



## SQUASH

Sow the Summer Varieties in the same manner and at the same time as early Cucumbers and Melons, in hills 3 to 4 feet apart, and Winter Varieties about June 15th in hills 6 to 8 feet apart.

**Early White Bush Scallop.** A well-known Summer variety; the flesh is tender and delicate. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**Early Yellow Bush Scallop.** Early, flat, deep orange, with smooth rind. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**Giant Yellow Summer Crookneck.** The best sort for Summer; very early and productive. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**Golden Custard Bush.** Dark rich golden-yellow; quality excellent. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**Fordhook.** One of the best Winter varieties; bright yellow outside with straw-yellow flesh; very productive and a wonderful keeper. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c.

**Golden Hubbard.** Shape same as old-fashioned Hubbard, but skin is rich orange color. The flesh is deep golden-yellow. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c.

**Mammoth Chili.** Grows to an immense size, sometimes weighing considerably over 100 pounds; valuable for table use. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c.

**Improved Hubbard.** Well-known and liked for late use; of superior quality; large size; color dark green. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**Warted Hubbard.** Large; dark green. Shell very hardy, covered with warted knobs. Very thick-fleshed, of the finest quality. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**Boston Marrow.** The earliest of the Fall sorts; is ready for use very soon after the Summer varieties; rich orange color, excellent flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c.

**Vegetable Marrow Long Cream.**

This vegetable is largely sown by gardeners in England, but may be grown here equally as well, providing a liberal quantity of manure is dug into the hill and plenty of moisture supplied. Fruits are oblong in shape, and should be eaten when less than half grown, at which time the flesh is very tender and may be cooked like ordinary squash or fried like egg plant. The shape is attractive, color creamy-white, and skin smooth. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00.



Improved Hubbard Squash

## Sunflower

**Mammoth Russian.** Gray or striped seeds, heads very large. An excellent food for poultry. Flowers 18 to 20 inches in diameter. Very showy, but mostly grown for the large amount of seed produced. Pkt., 5c;  $\frac{1}{4}$  lb., 10c; lb., 25c; 10 lbs., \$1.25.

## Sea Kale

Sow one inch deep in drills; thin to 6 inches; transplant the following spring 3 feet apart. The blanched shoots are used like Asparagus; very tender.

Seeds: Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c.

## TOMATO

Sow from early March to April 15th in a hotbed or greenhouse, where the temperature is never below 60 degrees. About the first of June they may be transferred to the open ground. Set them deeply, four feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill.

**Improved Beauty.** A decided favorite for either home market or shipping purposes, being early, hardy, strong grower, productive, fruit large, always perfect in shape and excellent in quality. The color is glossy crimson with a tinge of purple. It grows in clusters of 4 to 6 large fruits, retaining its large size late in the season. It is very firm fleshed, and but few seeds. It seldom rots or cracks after a rain. Can be picked quite green, will look well, ripen up nicely and keep perfect for a week after it is ripe. Pkt., 5c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**Acme.** Rich glossy crimson, tinged with purple; perfectly smooth. Pkt., 5c;  $\frac{1}{2}$  oz., 35c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**Livingston's Globe.** The color of fruit is purplish-crimson; ripens to the stem; fruit is large, solid and very high globe. Pkt., 5c;  $\frac{1}{2}$  oz., 35c; oz., 60c;  $\frac{1}{4}$  lb., \$1.75.

**Dwarf Champion.** Upright habit of growth. Very early, fine for small gardens. Fruit smooth, medium in size. Pkt., 5c;  $\frac{1}{2}$  oz., 35c; oz., 60c;  $\frac{1}{4}$  lb., \$1.75.

**Chalk's Early Jewel.** A very early scarlet variety; a heavy cropper; fruit smooth, round and solid. Pkt., 5c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**Bonny Best.** Is extra early and very prolific. Color deep scarlet. Pkt., 5c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.25.

**June Pink.** The earliest of all purple tomatoes, distinct and handsome appearance. Pkt., 5c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**Earliana.** Is a very early variety, of uniform size and very productive. The fruit is round, smooth and firm; color bright red. Pkt., 5c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**Golden Queen.** About size and form of Beauty; smooth golden yellow. Pkt., 5c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**Ponderosa.** Extra large. Purplish crimson color; flavor and solidity unequalled. Pkt., 5c;  $\frac{1}{2}$  oz., 40c; oz., 75c;  $\frac{1}{4}$  lb., \$2.00.

**Stone.** This is a large, very smooth, bright scarlet Tomato, ripening evenly to the stem, without cracking. The flesh is firm, solid and of excellent quality. Pkt., 5c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**Truckers Favorite.** A very large smooth and solid variety. Pkt., 5c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**Comet.** This is a splendid variety for greenhouse. It is very short-jointed, fruiting close up to the stem. The tomatoes are of good medium size, quite smooth, very solid and of a deep scarlet color. Pkt., 15c;  $\frac{1}{4}$  oz., \$1.25; oz., \$4.00.

## Small-Fruited Tomatoes

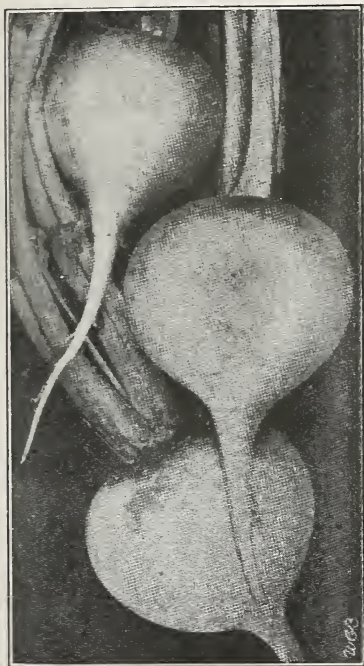
Yellow Plum, Yellow Pear, Red Pear, Yellow Cherry, Red Currant, Yellow Peach, Red Cherry, Red Plum, Golden Husk, Purple Husk, used principally for preserving. All 5c. per pkt.,  $\frac{1}{2}$  oz., 25c; oz., 40c.



Improved Beauty Tomato

Food Will Win the War— "Produce it"  
"Johnson's Seeds Produce"



**FOOD WILL WIN THE WAR. PRODUCE IT. "JOHNSON'S SEEDS PRODUCE."****Purple Top White Globe Turnip****TABLE TURNIPS**

For early, sow as soon as the ground can be prepared, in drills 15 inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of a fortnight, until the last week in July, and from that time onward until the last of August sow for main crop. The sowing should always be made just before a rain, if possible, as the success of the crop depends, in a great measure, upon quick germination and rapid growth of the young plants. An ounce of seed will sow 150 feet of drill; two pounds will sow an acre.

**Purple Top White Globe.** This is one of the handsomest and most salable Turnips. Very desirable for either home or market gardens. It is a large, rapid growing sort, with globular shaped roots. Flesh is pure white and the top bright purple. On account of its shape it will outyield any other sort and is always a sure cropper. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**White Egg.** Shape nearly oval, flesh firm, smooth and white skin—mild and very sweet. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

**Extra White Milan.** Extra early white of most delicate flavor and tempting appearance. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c.

**Red Top Strap Leaf.** A standard sort extensively grown for private use. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

**Long White, or Cow Horn.** A quick-growing, long variety, flesh fine-grained, and sweet, excellent for table use. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

**Early Purple Top Milan.** Earliest of all purple-topped Turnips. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**Yellow Aberdeen (Purple Top).** A very hardy and productive variety. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

**Yellow Stone.** One of the best flesh sorts for table use. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

**Golden Ball, or Orange Jelly.** Its beautiful color and fine flesh have earned for it a high place in home gardens. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

**Ruta-Baga**

Sow Ruta Baga in June and July in drills two feet apart; thin out to nine inches in the row.

**Improved American Purple Top.** A yellow-fleshed purple-top variety, grown either for stock or table use. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

**Perfection White.** The best white variety offered. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

**Sweet, Pot and Medicinal Herbs**

**Anise.** Annual. Aromatic. Used medicinally. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40.

**Balm.** Perennial. Leaves used medicinally. Pkt., 5c; oz., 30c.

**Basil.** Annual. Used for flavoring. Pkt., 5c; oz., 25c; ¼ lb., 75c.

**Caraway.** Annual. Seeds used in confectionery. Pkt., 5c; oz., 20c.

**Catnip.** Perennial. Used for medicinal purposes. Pkt., 10c; oz., 50c.

**Coriander.** Annual. Seeds used in confectionery. Pkt., 5c; oz., 20c.

**Dill.** Annual. Used for flavoring pickles. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

**Fennel.** Perennial. Used for flavoring fish. Pkt., 5c; oz., 15c.

**Fennel, Florence.** Annual. Roots used for salads. Pkt., 5c; oz., 25c; ¼ lb., 80c.

**Horehound.** Perennial. Used medicinally. Pkt., 5c; oz., 20c.

**Lavender.** Perennial. Valuable for its perfume. Pkt., 5c; oz., 35c.

**Marjoram, Sweet.** Perennial, for flavoring. Pkt., 5c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

**Rosemary.** Perennial. Valuable as a hair wash. Pkt., 5c; oz., 35c.

**Sage.** Perennial. Used for dressing and flavoring. Pkt., 5c; oz., 50c; ¼ lb., \$1.50; lb., \$5.50.

**Sorrel.** Perennial. Used for salads and "Greens." Pkt., 5c; oz., 30c; ¼ lb., 85c.

**Summer Savory.** Annual. Used for flavoring. Pkt., 5c; oz., 35c; ¼ lb., \$1.10; lb., \$4.00.

**Thyme.** Perennial. Used for seasoning. Pkt., 10c; oz., 50c.

**SELECTED NORTHERN GROWN SEED CORN**

Owing to the unprecedentedly unfavorable conditions last season, we cannot, even at this date, make firm prices on Seed Corn. We will be pleased, however, to quote by letter.

**Early Huron Yellow Dent**

The best early yellow Dent Corn. The plant is strong, deep rooted and stocky, enabling it to withstand drought in a remarkable manner. The corn matures in 85 days from planting; this makes it very valuable to farmers in northern sections. It is a very heavy yielding variety, nearly all stalks bearing 2 ears. The ears are medium sized with a very small cob, covered from tip to tip with beautiful golden yellow grains. The ears average from 7 to 9 inches in length. It will yield more pounds of shelled corn per bushel of ears than many of the late varieties.

**Improved Leaming Yellow Dent**

Improved Leaming is medium early. The ears are large with very deep bright yellow kernels. The cob is small. The stalks grow to a medium height and often produce two large ears and make first-class fodder. This corn succeeds well on nearly all soils and will produce large crops of high grade deep yellow corn. One of the best varieties to sow for fodder and ensilage, as well as for grain.

**Northern Ohio White Dent**

The brightest silver colored Corn. The ears are very large, extra long, medium depth of kernel, extremely firm

**White Cap Yellow Dent**

It is a strong grower, resists heat and drought; yields large crops on thin soil; matures in 90 to 100 days, stalks 8 to 10 feet high, ears 8 to 10 inches long, well filled with 16 to 18 rows, packed solidly on a small red cob. The outer end of the grain is white and deeply dented, balance amber yellow. The fodder is abundant and of superior quality. Many of our customers who have tried this think it the best variety.

**Red Cob Ensilage**

A pure white corn cropping as high as 45 tons of fodder per acre. Sweet, tender and juicy. More nourishment than any other variety. Short joints, abundance of leaves and of tall growth. An excellent silo corn.

**Sweet Corn for Fodder**

For cutting in the green state, for summer forage, sweet corn is superior to any of the ordinary field corns. We recommend it especially to dairymen, for use during July, August and September, when pasturage is affected by dry weather. It forms a cheap and wholesome feed for cows, as every part of the stalk and leaves are relished.

# High Grade Farm Seeds

It is impossible to quote firm prices at the time our Catalogue is printed, owing to the fact that the market fluctuates so much. We will always be pleased however, to quote by letter if you will drop us a line when you are ready to buy. We handle only the highest grades.

## GRASSES

### Special Prices on Application.

- Awnless Brome** (*Bromus inermis*). Will stand long droughts and produce heavy crops. Wt. 14 lbs. to bu. Sow 35 lbs. per acre. Lb. 40c.
- Crested Dogtail** (*Cynosurus cristatus*). An excellent Grass for hard, dry soils, valuable for pasture and lawns. Wt., 21 lbs. to bu. Sow 25 lbs. per acre. Lb., 50c.
- Icy Red Top**, (*Agrostes vulgaris*). Suitable for meadow, lawn or pasture. Sow 20 lbs. per acre. Lb., 25c.
- Hungarian Grass** (*Panicum Germanicum*). This is a species of Millet, often yielding two or three tons of hay per acre. Sow 40 lbs. per acre. Lb., 5c.
- Kentucky Blue Grass** (*Poa pratensis*). Extensively grown in all parts of the country. Wt., 14 lbs. to bu. Sow 2 to 3 bu. per acre. Lb., 35c.
- Meadow Fescue** (*Festuca pratensis*). A valuable Grass for permanent pastures. Wt., 24 lbs. to bu. Sow 35 lbs. per acre. Lb., 30c.
- Orchard Grass** (*Dactylis glomerata*). A valuable pasture Grass, adapted for growing in shady, moist places. Wt., 14 lbs. to bu. Sow 20 lbs. per acre. Lb., 35c.
- Canadian Blue Grass**, (*Poa Compressa*). Thrives well on clay, grows a foot or more in height and yields a great weight of hay. Sow 30 lbs. per acre. Lb., 30c.
- Creeping Bent** (*Agrostis stolonifera*). Succeeds well in moist situations. Bu. 15 lbs. Lb. 60c.
- Timothy, or Herd Grass** (*Phleum pratensis*). A variety producing a profitable hay crop in almost any soil. Wt., 45 lbs. to bu. Sow 20 lbs. per acre. Write for sample and prices.
- Wood Meadow Grass** (*Poa nemoralis*). A very productive Grass, adapted for lawns or pastures. Thrives well under trees. Wt., 14 lbs. to bu. Very scarce.
- Perennial Rye** (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels to the acre. Bu., 22 lbs. Lb., 25c.
- Rhode Island Bent** (*Agrostis canina*). A very fine variety for lawn or pasture. Bu., 14 lbs.; Lb., 60c.
- Sudan**. A new forage plant, related to the sorghums and is valuable both for hay and silo. Grows from six to ten feet high, makes small leafy stems and is greatly relished by stock. Sow seed when ground has become warm, using 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like corn. Lb. 35c.

## Grass Seed

### Mixtures for Permanent Pastures

In preparing this mixture of natural grasses and clover we have selected those most suitable for really permanent pasture, and the varieties and qualities used are regulated according to the nature and condition of the soil. Please state whether soil is light, medium or heavy. Two to three bushels are required per acre. Per bu. of 20 lbs., \$4.00.

## Clovers—Highest Grades Only

### Prices Vary. Special Quotations on Application.

- Alfalfa, or Lucerne** (*Medicago sativa*). One of the most valuable forage plants. 60 lbs. to bu. Sow 20 lbs. per acre.
- Alsike** (*Trifolium hybridum*). 60 lbs. to bu. Sow 15 lbs. per acre.
- Bokhara** (*Melilotus alba*). White Blossom Sweet Clover. Very valuable for soiling. Splendid inoculator for alfalfa. Grows to a height of 3½ to 5 feet. Grown on rich soil, it can be cut as much as three times a season. Good for ensilage and bees. Will last two years if cut before it blooms.
- Crimson, or Scarlet Clover** (*Trifolium incarnatum*). An annual variety producing large crops of green foliage. 60 lbs. to bu. Sow 20 lbs. per acre.
- Mammoth Red, or Pea Vine**. Grows much taller than Medium Red Clover. 60 lbs. to bu. Sow 12 lbs. to acre.
- Medium Red** (*Trifolium pratense*). Largely grown throughout the country. 60 lbs. to bu. Sow 12 lbs. per acre.
- White Clover** (*Trifolium repens*). The best variety for lawns. 60 lbs. to bu. Sow 6 to 8 lbs., per acre. Lb. 75c.

## MISCELLANEOUS SEEDS

Prices variable—write us when ready to buy.

### Pedigree Field Corn

For Description and Prices of the line of varieties of Seed Corn we carry, see page 15.

**BARLEY, Bonanza**. Earlier than any other Bearded Barley, and a heavy yielder. Write for prices.

**BEANS, Early Soja**. Write for prices.

**BROOM CORN, Evergreen**. Lb., 15c; 10 lbs., \$1.25.

**BUCKWHEAT, Japanese**. Write for price.

**CORN, Sugar**. For fodder. See page 15.

**RED-COB, Ensilage**. See page 15.

**YELLOW DENT, Etc.** See page 15.

**POP CORN, White Rice**. Lb. 20c; 3 lbs., 50c.

**FLAX SEED**... Lb., 25c.

**MILLET, Southern German, or Golden**. Write for price. Japanese. Grows very quickly, yields wonderfully. Lb., 10c; 10 lbs., 80c.

**Hungarian**. Excellent for hay. Write for price.

**OATS, Northern-grown Bonanza**. Enormous yielder, producing large heads. Pk., 50c; bu., (32 lbs.) \$1.75.

**Swedish, or Washington**. Earliest of the heavy-yielding sorts; grains white, large and plump. Very prolific. Pk., 60c; bus. (32 lbs.) \$2.00.

**Sensation**. Grains short, plump and thin-skinned. A heavy cropper. Straw stiff and strong; will not lodge. Pk., 50c; bus. (32 lbs.) \$1.75.

**OSAGE ORANGE**. Lb. 40 cts.

**PEAS, Canada Field**. Field Peas should be sown early in April, 2 bushels per acre. If sown with oats for fodder and hay, sow 1½ to 2 bushels each per acre. The Peas should be sown first and plowed under, about 4 inches deep, the oats may then be drilled in. The crop will be ready for cutting when the oats are in the milk and pods formed on the peas. This makes fodder and hay that will double the flow of milk. This crop is also unsurpassed for soiling purposes. Write for price.

**RAPE, Dwarf Essex**. Most valuable forage plant for lambs, pigs, &c. Ready for use in 6 weeks. Lb., 20c; 10 lbs., \$1.50.

**RYE, Winter**. Market price.

**Spring**. Write for price.

**SORGHUM, Early Amber**. Market price.

**KAFFIR CORN, White**. Lb., 15c; 10 lbs., \$1.00.

**COWPEAS, Whippoorwill**. Write for price.

**SPELTZ, or EMMER**. A grain introduced from Russia, adapted to poor and dry soils. Has valuable feeding qualities. Lb., 15c; 10 lbs., \$1.00.

**VETCHES, Sand, Winter or Hairy**. Best fodder crop on poor soil. On good soil makes a growth of 4 to 5 feet. Remains green all winter. Suitable for spring and fall sowing. Write for price.

**Spring** (*Vicia sativa*). Grown for the same purpose as Winter Vetches; sow in the early spring. Write for price.

**WHEAT, Winter**. Hardy varieties for fall sowing. Ask for prices.

**Blue Stem, Spring**. A popular spring sort with large well-filled heads; heavy and prolific. Write for price.

## Cahoon Seeder.

This is a standard sower which gives good satisfaction, having been on the market for many years. Price \$3.50 by freight or express, at buyer's expense.

Food Will Win the War. Produce It.

"JOHNSON'S SEEDS PRODUCE"

## Lawn Grass Seed

If you desire a perfect lawn, use our High Grade Lawn Seed. **FOR SHADY PLACES**, sow our Shady Spot Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See outside back cover for seed and for directions how to make a lawn.



# General List of Flower Seeds

Many Flower Seed Lists are very confusing to both amateurs and florists. Hence we have only offered those which our long experience has taught us are more desirable. In doing this we think we have rendered a real service which will save our friends much worry and waste of space, and give best results.

## Abutilon (Flowering Maple)

Perennial shrub of strong growth and easy culture. Pkt.  
Finest Mixed Colors. Excellent for flowering indoors..... 10c

## Aconitum (Monk's Hood, Helmet Flower or Wolfsbane)

Napellus. A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. ¼ oz. 50c ..... 10c

## Ageratum (Floss Flower)

Suitable for borders, pots, boxes, etc. Annual Pkt.  
Little Blue Star. Very fine, free bloomer. (½ oz., 50c) ....\$0.10  
Blue Perfection. Dwarf; large, deep blue flowers; fine foliage; fine for edging flower-beds or walks, ¼ oz 30c..... .10  
Mexicana. Blue. A standard sort. Oz. 20c ..... .10  
Snow White. Very beautiful ..... .05  
Dwarf White. Compact grower, free flowering ..... .05  
Little Dorrit. Blue; only 6 inches high ..... .05

## Alyssum (Annual)

Grows anywhere. For beds, borders, etc. Pkt. Oz.  
Maritimum. The common Sweet Alyssum .....\$0.15  
Little Gem. Grows compact; pure white. 4 in. .... .30  
Saxatile Compactum (Basket of Gold). Showy bright yellow flowers; hardy perennial; blooms the first season if sown early indoors; excellent for rockwork; 1 ft. ¼ oz. 30c..... .10

## Amaranthus (Annual)

Sow early. Very ornamental foliage plants. Pkt.  
Caudatus. (Love Lies Bleeding). Crimson .....\$0.05  
Henderi. Splendid sort ..... .05  
Cruentus. (Prince's Feather) ..... .05  
Finest Mixed. .... .05

## Ampelopsis

Veitchii (Boston Ivy). A very elegant hardy vine, attaching itself to stone, brick or woodwork. The beautiful foliage acquires rich autumn tints. Pkt. 5 cts., oz. 40 cts.



Snapdragon. Half Dwarf, Large Flowering

## Antirrhinum (Snapdragon)

Fine for bouquets. Showy bedding plants.  
TALL SORTS

Giant White. Large flowering. Pkt., 10c.  
Giant Scarlet. Large flowering. Pkt., 10c.  
Giant Yellow. Large flowering. Pkt., 10c.  
Giant Mixed. Large flowering. Pkt., 10c.

### HALF DWARF SORTS.

White. Large flowering. Pkt. 10c.  
Crimson. Large flowering. Pkt. 10c.  
Yellow. Large flowering. Pkt. 10c.  
Half Dwarf. Mixed. Constant bloomers for borders. Pkt. 10c.



Ageratum, Blue Perfection

## Aquilegia (Columbine)

Long Spurred Hybrids. This strain comprises many new beautiful and pleasing shades and combinations, and most effective and striking contrasts in the individual flowers, ranging through all shades of Lavender, Blue, Mauve, White, Yellow, Orange, Scarlet, and bright Rose-Pink. Plants are vigorous and stately in growth, producing abundantly large and elegantly shaped flowers with long spurs, borne well above the pale green foliage. Pkt., 10c; ¼ oz., 25c.

Caerulea (Rocky Mountain Columbine). Flowers large, petals white, sepals deep blue, spurs very long; one of the most beautiful. Pkt., 10c; ¼ oz., 25c.

Vulgaris fl. pl. Double varieties mixed. These will give an abundant supply of odd and exceedingly pretty flowers. Pkt. 5c; ¼ oz., 15c. and handsome. Pkt., 10c.

## Agrostemma

Cœli-rosa fimbriata (Rose of Heaven). Very free-flowering from July to September; nice for cutting; rose-colored. Pkt. 5 cts., ¼ oz. 15 cts.

Coronaria (Rose Campion). Glowing crimson flowers; silvery white foliage. Pkt. 5 cts., ¼ oz. 15 cts.

## Anemone (Windflower)

Lovely flowers in many shades of scarlet, blue, purple and white; flowers 2 inches and over in diameter, durable, elegant for cutting.

Double Chrysanthemum-flowered. Beautiful flowers in fine mixture. Pkt. 10 cts., ¼ oz. 50 cts.

St. Brigid. Produces double and semi-double flowers in a wonderful array of colors Pkt. 15 cts., ¼ oz. 50 cts.

## Arabis (Rock Cress)

Alpina. A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought, and is always neat; 6 inches. Pkt. 10c; ¼ oz. 25c.

## Asparagus

Very graceful plants extensively grown for cutting, the foliage being used in all designs, bouquets, etc.

Plumosus nanus. Beautiful fern-like sprays of foliage. Pkt. 10 cts., 50 seeds 55 cts., 100 seeds, \$1.

Sprengeri. Makes a beautiful basket and useful for cutting. Pkt. 10 cts., 50 seeds, 30 cts., 100 seeds 50 cts.

Hatcheri. Of the Plumosus type. Growth strong and symmetrical; fronds closely set on the stalk. Pkt. 25 cts.



## Johnson's Selected Asters



Aster—Semple's Branching

### Ostrich Plume

Splendid class; excellent for cutting.  
White, Dark Blue, Rose. Pkt., 10c;  
1/8 oz., 35c.  
Mixed. Pkt., 10c; 1/8 oz., 30c.

### Giant Victoria

One of the handsomest varieties.  
Very large, beautiful flowers.  
White, Scarlet, Light Blue, Rose. Pkt.,  
10c; 1/8 oz., 35c.  
Peach Blossom. Pkt., 10c; 1/8 oz., 40c.  
Mixed. Pkt., 10c; 1/8 oz., 35c.

### King Asters

Of the late branching type. Bloom  
round, full and very large, and of a  
soft violet shade; stems long and stiff.  
August and September. 2 to 2 1/2 ft.  
Lavender King. Soft lavender shell  
pink.  
Rose King. A beautiful brilliant rose  
variety.  
Violet King. A pleasing soft shade of  
violet.  
White King. Pure white.  
Any of the above King Asters, Pkt.  
15c.

### Alpine Asters

Alpine asters rank high among the showiest  
spring and early summer flowering perennials of  
medium and low growth. Their comparatively  
large star-shaped flowers, in clear lavender, borne  
on single stems and appearing in great abun-  
dance, never fail to draw attention. Aster sub-  
cœruleus, the tallest species, is a very handsome  
subject for the mixed border when planted close  
together in clumps of from six to twelve plants.  
The bright blue, daisy-like flowers with brownish-  
yellow center on stems nearly 18 inches long,  
during June, are valuable for cutting.

Alpine asters may be easily raised from seed  
sown in a cold frame during March or April.  
Transferred into the open ground they thrive  
best in a light richly manured soil. Proper care  
should be taken to give plenty of water during  
their growing season. On account of their low  
and compact habit of growth, they prove inval-  
uable as highly effective edging during May.  
Aster alpinus is also well adapted for slow forc-  
ing in pots. Pkt., 10c; 1/8 oz., 50c.

We make a great specialty of this popular flower,  
securing our stocks of the most skillful growers only and  
we confidently recommend them.  
Aster Plants ready in June.

### Semple's Branching Aster

This is a grand new strain of American Asters. They  
are especially valuable for cut flowers, because of their  
handsome double flowers and long stems. They bloom  
two to three weeks later than most sorts. We offer them  
in five separate colors, Pure White, Crimson, Lavender,  
Bright Pink, and Dark Purple. Price, any color, pkt.,  
10c; 1/8 oz., 60c.  
Choicest Mixed, Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c.

### Royal Aster

A new class of American Aster. Its habit of growth  
is entirely distinct, the stems growing directly from the  
ground and not on side-shoots from the main stem like  
other varieties. A medium early bloomer. We offer the  
following colors: White, Shell Pink, Rose Pink, Lav-  
ender, Purple. Any color, pkt., 10c. Mixed pkt., 10c;  
1/8 oz., 35c; 1/4 oz., 65c.

### Queen of the Market

This is a superb variety of graceful, spreading habit.  
Truly a queen among Asters. It grows about twenty  
inches high. This variety is about two weeks earlier  
than most other sorts. The flowers are quite large, very  
double, and are valuable for cut flower purposes. The  
following are the most distinct colors: Pure White, Rose,  
Dark Blue and Scarlet. Price, any color, pkt., 10c;  
1/8 oz., 35c.  
Mixed Colors, embracing all colors of this class. Price,  
Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c.

### Astermum

A fine new variety, with flowers much resembling a  
chrysanthemum. Flowers very large; Pink, Lavender  
and White. Each, pkt., 15c.

### Mikado Asters

Similar to the Crego's Giant but  
dwarfer in growth, but comes into  
bloom fully two weeks earlier. Height  
about 18 inches, of branching habit,  
and the flowers, borne on long, strong  
stems, are of colossal size, flowers five  
and six inches across being the rule.  
We offer two colors, viz:  
Mikado Pink, or Rochester. Pkt., 15c.  
Mikado White. Of purest glistening  
white. Pkt., 15c.

### Daybreak

A branching Aster, grows about 2  
feet high, with large double flowers.  
Fine for cutting purposes.  
Pink and Lavender, either color. Pkt.,  
10c; 1/8 oz., 50c.

### Lavender Gem Aster

One of the most beautiful Asters. It  
is of true Comet type, with large,  
artistic, loosely-arranged flowers on  
long, wiry stems and of the most  
charming shade of lavender imaginable.  
Begins blooming in July, continuing  
through August; a lovely variety for  
cutting. Per pkt., 15c.



Aster alpinus Superbus as Edging



**Balsam (Lady Slipper)**

Gives brilliant masses of beautiful flowers for little care. Plants about 2 feet in height; transplanting dwarfs them and renders the flowers more double.

**Double White Perfection.** Pure white; large and full to the center. Pkt., 10c;  $\frac{1}{8}$  oz., 20c.

**Camellia-flowered.** Very large, double and perfect flowers, camellia-like in form. In many colors, mixed. Pkt., 5c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

**BEGONIA****Everblooming Bedding Varieties**

The following are varieties of *Begonia Semperflorens*, and take rank as bedding plants with *Geraniums* and *Coleus*, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed.

**Erfordia.** Bright, rosy-carmine. Pkt., 25c.

**Prima Donna.** Limpid rose, shading to carmine at the centre; ever-blooming. Pkt., 25c.

**Gracilis.** Handsome flowers of a delicate rose color. Pkt. 15c.

**Luminosa.** Brilliant fiery dark scarlet; very bright. Pkt., 25c.

**Salmon Queen.** The highest colored of all, being a brilliant salmon-rose, beautiful either as a pot plant or for bedding. Pkt., 25c.

**Vernon.** Bright orange-carmine flowers; deep red foliage. Pkt., 10c.

**Semperflorens, Single Mixed.** This mixture contains all the colors from pure white to deepest crimson; splendid. Pkt., 10c.

**Balloon Vine**

**Balloon Vine.** A very pretty climber. Pkt., 5c; oz., 10c.

**Bellis Perennis (Double Daisy)**

Our strain of this flower is extra fine.

**Mammoth Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 60c.

**Longfellow.** Large, double, pink. Pkt., 10c;  $\frac{1}{4}$  oz., 75c; oz., \$2.00.

**Snowball.** Large double white. Pkt., 10c;  $\frac{1}{4}$  oz., 75c; oz., \$2.00.

**Shasta Daisy.** See Daisy.

Fine for cut flowers. Free and continuous bloomer.

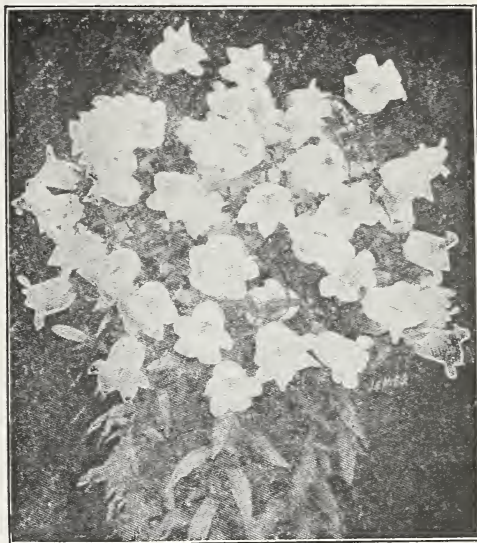
**Browallia**

**Elegans.** Deep blue, white center. Pkt., 5c; oz., 75c.

**Elata.** Best white. Pkt., 10c.

**Beta (Ornamental-Leaved Beet)**

**Brazilian Golden, Crimson, and Mixed.** Fine border plants; very showy; entire leaf-stalk and midrib intensely colored; very attractive. 2 ft. Each, Pkt., 10c; oz., 25c.

**Canterbury Bells****Campanula (Bellflower)**

A family containing many beautiful border-plants, several varieties beautiful as pot-plants. Mainly hardy biennials and perennials.

**Calycanthema (Cup-and-Saucer).** Delightful in form and colors, and elegant subjects for the garden or for pot culture. 2 to 2½ feet. Blue, Rose, Striped and White. Each, pkt., 15c;  $\frac{1}{8}$  oz., 75c. Mixed, pkt., 10c;  $\frac{1}{4}$  oz., 60c.

**Medium (Canterbury Bell).** Large, bell-shaped flowers in many shades. Elegant border or pot-plants. A proportion of seedlings will vary from color, while some single flowers will be found among the double-flowered seedlings. 2 to 2½ feet. Single Blue, Lilac, Rose, White and Striped. Each, pkt. 10c. Mixed, pkt., 5c;  $\frac{1}{4}$  oz., 25c. Double Mixed, pkt., 10c;  $\frac{1}{4}$  oz., 40c.

**Carpatia (Harebell).** Dwarf plants with cup-shaped flowers, suitable for borders, edging, etc. 1 foot. White, Blue and Violet mixed. Pkt., 5c;  $\frac{1}{4}$  oz., 30c.

**Calendula (Pot Marigold)**

Fine, showy, free-flowering hardy annual. For beds, borders or pot culture in house.

**Orange King.** Very large fine double flowers. Pkt., 5c; oz., 20c.

**Meteor.** Finest double yellow. Pkt., 5c; oz., 20c.

**Finest Double Mixed.** Pkt., 5c; oz., 15c.

**Candytuft**

Use sandy soil well enriched. Splendid for cut flowers. Give plenty of room.

**Empress.** Finest white. Pkt., 5c; oz., 35c.

**Tom Thumb.** Plants only 6 inches high; white flowers. Pkt., 5c; oz., 25c.

**Mammoth White.** Very large and handsome. Pkt., 5c; oz., 30c.

**Finest Mixed.** Very choice color. Pkt., 5c; oz., 20c.

**Hardy Candytuft.** A beautiful perennial of trailing habit covered with white flowers in spring. Pkt., 10c.

**Canna**

**Dwarf French Mixed.** Dark leaved sorts. Pkt., 5c; oz., 20c. (For Roots see Plant pages.)

**Carnations**

**Marguerite.** Dwarf mixed, finest quality. Pkt., 5c; oz., 90c.

**Double Perpetual. (Chabaud).** Blooms in 6 months from sowing.

Great variety for color, gorgeous flowers. Pkt., 10c; oz., \$2.00.

**Calceolaria**

Tender perennial. Sow in August or September.

**Giant Superb Mixed.** Pkt., 25c.

**Calliopsis**

Free-flowering annual, of the easiest culture. Excellent for cutting and massing.

**Golden Wave.** Large, rich golden yellow flowers. Pkt., 5c; oz., 25c.

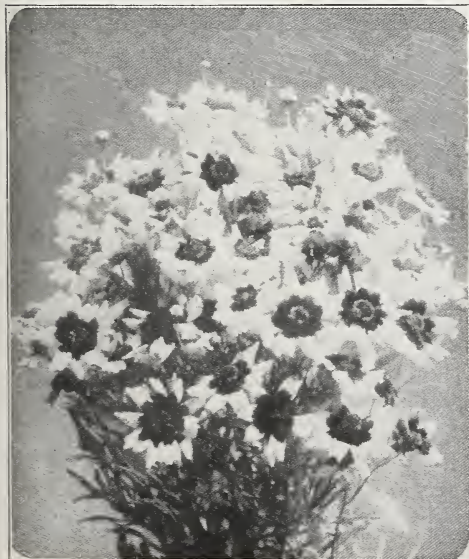
**Semi-Double.** Produces a very fine effect. Pkt., 5c; oz., 30c.

**Coreopsis**

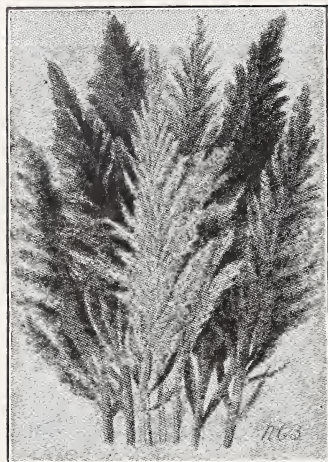
Some are Annuals and some Perennials. Will grow in any garden. Very satisfactory.

**Grandiflora.** Very large, golden yellow. Pkt., 5c; oz., 25c.

**California Sunbeams.** An extra fine strain. Pkt., 5c; oz., 50c.

**Calliopsis**



**Celosia Plumosa****Cosmos**

Mexican plants with handsome, cut foliage and graceful, long-stemmed, showy flowers. The Mammoth varieties should be sown early and the growth pinched when well established. This induces early-flowering and provides a larger number of blooms.

**Crimson Ray.** Distinct new type; grows 4 to 5 feet high. Very profuse in bloom; flowers many-petaled and petals narrow and fluted, separated in star-like form; most brilliant crimson. Pkt., 15c.

**Early Flowering.** Strain of great beauty, flowering from July till frost. White, Pink, Purple, Crimson and Dawn (white, tinted rose). Each color, or mixed, pkt., 10c; ¼ oz., 25c.

**Lady Lenox.** Flowers 5 to 6 inches in diameter. Beautiful Shell-Pink and White. Elegant for cutting. 6 feet. Each, pkt., 10c; ¼ oz., 30c.

**Mammoth Perfection.** Very fine large-flowered varieties attaining a diameter of ¼ inches. White, Pink, Red and Mixed. Each, pkt., 5c; ¼ oz., 20c.

**Centaurea**

Well adapted for borders and bedding. Beautiful foliage and flowers freely.

**Cyanus.** Blue. Pkt., 5c; oz., 30c.

**Cyanus Mixed.** Annual. Pkt., 5c; oz., 25c.

**Gymnocarpa** (Dusty Miller). Silver leaved. Pkt., 10c.

**Candidissima.** Whiter leaves than Gymnocarpa. Pkt., 15c.

**Imperialis** (Sweet Sultan). Finest mixed. Pkt., 5c; ¼ oz., 25c.

**Chrysanthemum**

Easily grown. Free flowering and very showy.

**Single Mixed.** Annual. Large range of colors. Pkt., 5c; ¼ oz., 25c.

**Double Mixed Coronarium.** Annual. Many colors. Pkt., 5c; oz., 15c.

**Hardy Pompon.** Perennial. Splendid strain of the old hardy fall flowering sort with double blossom. Pkt., 20c.

**Cobea (Annual)**

A magnificent rapid growing climber for covering trellises, arbors, trunks of trees, etc.

**Scandens.** Large bell shaped purple flowers. Pkt. 10c; ¼ oz., 25c; ½ oz., 40c.

**Coleus (Annual)**

**Choice Hybrids.** Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Easily raised. Sow indoors in March or April. Pkt., 25c.

**Cucumber, Wild**

A very quick grower for covering old trees, etc.

**Echinocystis Lobata.** Pkt., 5c; oz., 30c.

**Cyclamen**

For winter and spring blooming. Very handsome flowers and beautiful foliage.

**Persicum.** Mixed. Pkt., 15c.

**Finest Giant Mixed.** Pkt., 25c.

**Celosia Cristata (Cockscomb)**

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May.

**Empress.** Rich crimson; combs of colossal proportions. Pkt. 10c.

**Glasgow Prize.** Immense, showy dark crimson combs. Pkt. 10c.

**Queen of the Dwarfs.** This we consider the finest of the dwarf-growing Cockscombs. The plants grow only 8 inches high, with beautiful dark rose-colored combs. Pkt. 10c.

**Dwarf, Mixed.** Fine dwarf varieties. ¼ oz. 30c; pkt. 5c.

**Celosia Plumosa (Feathered Cockscomb)**

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as Cockscombs described above.

**Thompson's Superb** (Triomphe de l'Exposition). Of pyramidal growth, attaining a height of 3 feet, and producing graceful, feathery plumes of the most brilliant crimson. ¼ oz. 30c; pkt. 10c.

**Thompsoni Magnifica.** Similar to the preceding, but ranging in color from the clearest yellow to the darkest blood-red. ¼ oz., 50c; pkt., 15c.

**Golden Plume.** Bright, golden-yellow plumes. ¼ oz. 30c; pkt. 10c.

**Plumosa, Mixed.** Feathered varieties in all colors. ¼ oz 25c; pkt., 10c.

**Cineraria**

Shows a wide range of colors. A favorite green house plant. Our seed is superb. **Hybrida Grandiflora.** Seed saved only from the choicest specimens. Pkt. 50c.

**Half Dwarf Prize Mixed.** Dwarf foliage; large flowers. Pkt. 50c.

**Early Flowering Cosmos****Cypress Vine**

A popular climber noted for dainty fern-like foliage and star shaped flowers.

**Finest Mixed.** Pkt., 5c; oz., 25c.

**Dahlia**

A half hardy perennial, flowering the first year, blooming as early and as freely as if grown from tubers.

**Finest Double Mixed.** From choicest flowers. Pkt., 10c; ½ oz., 25c.

**Finest Single Mixed.** Best varieties only. Pkt., 5c; ¼ oz., 25c.

**Daisy, Perennial**

**Shasta.** One of the Burbank's productions which has become very popular. Many types are found in our stock, all very desirable. Pkt., 10c; ¼ oz. 50c.

See also **Bellis Perennis.**

**Dracena**

**Indivisa.** Beautiful ornamental leaved plants. Long narrow green foliage. Fine for vases, etc. Pkt., 10c; ¼ oz., 25c.

**Digitalis (Foxglove)**

Of easy culture. Give slight shade, and good soil.

**Gloxiniiflora White.** Pure white flowers with dark green foliage make a fine show. Pkt., 5c; ¼ oz., 25c.

**Choicest Mixed.** All colors and Gloxinia-like flowers. Pkt. 5c; ¼ oz., 25c.





Delphinium, Giant Hyacinth—Flowered

## Delphinium (Larkspur)

### HARDY VARIETIES

**Cardinale.** An elegant variety, bearing scarlet flowers with yellow centers. 3 feet. Pkt. 25c.

**Cashmerianum.** Pale to deep blue flowers; dwarf, branching habit; distinct. 1½ feet. Pkt., 10c; ¼ oz., 75c.

**Formosum.** Dark blue with white eye; a popular variety. 2½ feet. Pkt., 5c; ¼ oz., 25c.

**Double-flowering Hybrids.** Best double-flowering varieties from a rich collection. 3½ to 4 feet. Pkt., 10c; ¼ oz., 50c.

**Belladonna.** Blooming from June until frost. Its clear turquoise-blue flowers are unsurpassed for beauty and delicacy. Pkt., 20c; ¼ oz., \$1.00.

### ANNUAL VARIETIES.

**Dwarf Double Rocket.** These are among the first to flower. Very choice strain, tints of Blue, Lilac, Violet, Rose, White and Mixed. Fine for bedding. 1 foot. Pkt., 5c; oz., 25c.

**Fall Double Rocket.** Fine mixed, many shades. 2 feet. Pkt., 5c; oz., 25c.

**Giant Hyacinth-flowered.** Fine mixed, about eight colors; fine double flowers. These flower shortly after the Double Rocket, 2 feet. Pkt., 5c; oz., 50c.

## Everlastings

For convenience, we have grouped here plants prized for their "everlasting" or straw flowers. They are also valuable as border plants.

**Acerolinum album fl. pl.** Graceful; double, rose flowers; 1 ft. Pkg. 5c.

**Ammobium alatum grandiflorum.** Clusters of pure white flowers. 2 ft. Pkt. 5c.

**Gomphrea globosa, Mixed.** Flesh, rose, purple and white. Known as Globe Amaranth. Very neat for pots. 1½ ft. Pkt. 5c.

**Helichrysum monstrosum.** Double. Splendid Mixed. About six colors. 1¼ ft. Pkt. 5c.

**Rhodanthe Manglesi.** Bright rose; charming and particularly neat in pots in the spring. Three plants should be potted together as foliage is small. 1 ft. Pkt. 5c.

**Keranthemum annuum.** Very nice for summer cutting or for winter bouquets. Double; White, Rose and Purple. Mixed. Pkt. 5c.

## Dianthus (Divine Flower)

The rich coloring, with the varied forms and fringing of petals common to many varieties, render them very attractive. They are all useful for bedding and all serviceable for cutting. The Annual Pinks may be sown in autumn or spring. An adornment to every garden.

### Double Annual Pinks

**China or Indian Pinks (Dianthus Sinensis).** Flowering from early summer to fall; strong, sturdy growers, suitable for beds and borders. Flowers very double and in unlimited variety of colors borne on long, stiff stems. Finest Mixed. Pkt., 5c; ¼ oz., 25c.

**Japanese Pinks (D. Heddegi and varieties).** A beautiful class of sturdy-growing plants, 10 to 12 inches high and of the same width; handsomely marbled and mottled flowers in all imaginable colors, 2 inches and over in diameter. Finest mixed. Pkt., 5c; ¼ oz., 25c.

**Diadem Pinks (D. Heddegi diadematus).** Very large, showy flowers, beautifully marked and flaked. Splendid mixed. Pkt., 5c; ¼ oz., 35c.

**Royal Pink (D. Heddegi nobilis).** A beautiful class for cutting; flowers large and exceedingly fragrant, very double and on long stems; colors range from white to rose, and scarlet to blood-red. Pkt., 10c; ¼ oz., 50c.

### Single Annual Pinks

**Imperial Pink (D. imperialis fl. pl.).** These have a wide range of showy colors, and are profuse bloomers. Fine for beds. Superb mixture. Pkt., 5c; ¼ oz., 30c.

**Japanese. Crimson Belle.** Large, handsome, dark red flowers. Pkt., 5c; ¼ oz., 25c.

**Japanese, Eastern Queen.** Flowers marbled rose and white. Pkt., 5c; ¼ oz., 25c.

**Royal Pink.** Large flowers; petals fringed and crimped. Blood-red torose, carmine-pink, and occasionally white in color. Finest mixed. Pkt., 10c; ¼ oz., 40c.

### Hardy Garden Pinks

Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.

**Double Mixed Clove Pink.** A beautiful class; very double, sweet and nice for cutting. Pkt. 25c.

**Double and Semi-double Grass Pink (D. plumarius fl. pl.).** Double and semi-double flowers in variety. Pkt. 10 cts., ¼ oz., 50cts.

**Perpetual Pink (D. plumarius semperflorens).** These are ever-blooming garden Pinks, in many colors; single, semi-double and double-flowered, and of spicy fragrance. Pkt., 10c; ¼ oz., 50c.

**Single, Finest Mixed (Pheasant's Eye; D. plumarius).** Many-colored, fragrant flowers, nicely fringed. Pkt., 5 cts.; ¼ oz., 30c.



Eschscholtzia (California Poppy)

## Eschscholtzia

### California State Flower; California Poppy

Very brilliant flowers, produced in great numbers. They may be sown in spring, although fall sowing will give better results; 1 ft.

**Golden West.** Very large, lovely yellow flowers, with orange blotch at the base of petals. Pkt., 5c; oz., 50c.

**Burbank's Mixed.** Large flowers. Beautiful shades of white, yellow, orange, carmine, crimson and pink. Pkt. 10c.

**Single Flowered Mixed.** Extra fine. Pkt., 5c; oz., 25c.

**Double-flowered, Mixed.** Very good semi-double flowers. Nice for bedding or for massing. Pkt. 5c., ¼ oz., 15c.



**Euphorbia (Snow on the Mountain)**

Showy border plant, easily grown. Beautiful foliage edged and veined with white. Annual.  
 Variegata. Finest stock. Pkt. 5c, oz. 20c.

**Fern Spores**

Fine Mixed Greenhouse Varieties. Pkt., 25c.  
 Easily grown from the seed and blooms the first season. Suitable for the house or shaded situations in the garden. Single and double. Mixed. Pkt., 25c.

**Feverfew (Matricaria)**

For beds and edges. Half hardy perennial.  
 Dwarf Double White. Very fine stock. Pkt. 10c.

**Forget-Me-Not (Myosotis)**

Forget-Me-Nots succeed best in moist places.  
 Palustris. The true Forget-Me-Not. Perennial, but blooms first year. Pkt. 10c; ½ oz. 40c.  
 Palustris Semperflorens. Everblooming and dwarf. Pkt., 10c; ½ oz., 40c.

**Four O'Clock (Mirabilis)**

We make a specialty of this fine old garden favorite. Give good soil and sunny location.  
 Fine Mixed Hybrids. A splendid mixture. Pkt., 5c; oz., 20c.

**Gaillardia (Blanket Flower)**

Showy and handsome hardy perennials, for beds and borders. The flowers are a most peculiar combination of shades varying between gold and maroon. Sow in summer in drills, transplanting to permanent positions during autumn; also sow early in spring under glass, prick off into boxes and plant out in May.

Best Single Mixed. Pkt., 5c; ¼ oz., 15c.  
 Hardy Perennial. Single flowers with red centers and yellow tips. Very handsome. Pkt., 10c; ¼ oz., 30c.  
 Kelway's Hybrids. Entirely distinct. A grand new and improved strain. Flowers of enormous size, borne on stout stems. Choicest Mixed. Pkt., 10c; ¼ oz., 35c.

**Gourds (Ornamental)**

Besides the curious fruits, Gourds are desirable to cover walls, arbors, etc. Tender annual.  
 Small Varieties, Mixed...Pkt., 5c; oz., 15c.

We can supply any of the following at pkt., 5c; oz., 15c.  
 Hercules Club; Dish Rag; Dipper; Nest Egg.

**Gomphrena (Globe Amaranth)**

See Everlastings.

**Gloxinia**

Hybrids. Choicest French stock. Magnificent house blooming plants. Pkt., 25c.

**Godetia**

Succeeds best in poor soil. Very free blooming annuals.  
 Finest Mixed Tail. Pkt., 5c; oz., 25c.

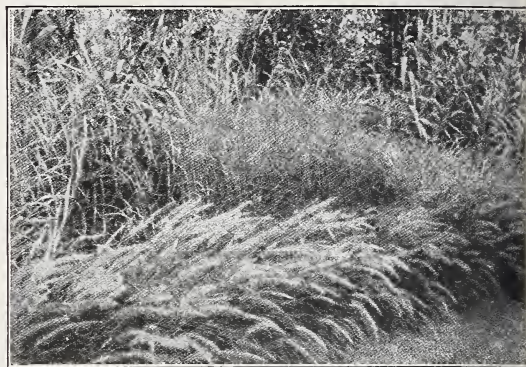
**GYPSOPHILIA (Baby's Breath)**

Annuals and perennials that will flower the first season. All have graceful panicles of small flowers that are elegant for cut-flower purposes.

Paniculata fl. pl. An extremely vigorous race, producing about 50 per cent of perfectly double flowers, of beautiful pure white. Pkt., 15c.

Elegans grandiflora alba. Hardy Annual. An improved large flowered white form. Pkt., 5c; oz., 30c.

Paniculata. Hardy Annual. The perennial variety that is easily grown from seed, equally useful for cutting, and a fine border plant. Branches may be used for winter bouquets. 3 ft. Pkt., 5c; ¼ oz., 15c.

**Ornamental Grasses**

Specimen plants, clumps or entire beds of harmonious varieties are especially interesting. They are always valuable for cutting, and may be preserved and used in combination with Everlasting Flowers for winter bouquets, decorations etc.

**ANNUAL ORNAMENTAL GRASSES**

Briza maxima. The large Quaker Grass. 1½ ft. Pkt., 5c.  
 Coix Lacrymae-Jobi. (Job's Tears). The curious seeds are used as beads. 1½ ft. Pkt., 5c; oz., 10c.  
 Eragrostis elegans (Love Grass). Very beautiful. Nice for sweetpea bunching. 1½ ft. Pkg., 5c.  
 Pennisetum longistylum. Graceful, greenish white plumes. Pkt., 5c.

**PERENNIAL ORNAMENTAL GRASSES.**

Arundo Donax variegata (The Variegated Giant Reed). Fine for groups. 12 ft. Pkt., 10c.  
 Gynierium argenteum (Pampas Grass). Graceful for borders. beautiful silvery plumes. 8 to 10 ft. Pkt., 10c.  
 Stipa pennata (Feather Grass). Silvery white, feathery plumes. 2 ft. Pkt. 5c.

**Heliotrope**

Delightfully fragrant. Fine for beds or pots.  
 Finest Mixed. Half hardy perennial. Pkt., 10c; ¼ oz., 50c

**Hollyhock**

We give particular attention to this most popular flower. Seed sown in June or earlier will flower the following summer.

**Hardy Perennial Hollyhocks**

Allegheny Mammoth Fringed. Very large, loosely formed flowers, finely fringed. Early-sown seed will flower the first season. 7 feet. Mixed. Pkt., 10c; ¼ oz., 30c oz., \$1.00.  
 Newport Pink. Fine, pure pink, double variety, exquisite in shade; flowers very double. Pkt., 10c; ¼ oz., 30c oz., \$1.00.  
 Chater's Superb Strain. The finest in existence; magnificent double flowers. Splendid Mixed, pkt., 10c; ¼ oz., 50c oz., \$1.75.  
 Finest Double. A percentage flower the first season from previous fall-sown seed. 5 to 8 feet. Mixed. Pkt., 10c ¼ oz., 30c; oz., \$1.00.  
 Single Mixed. Pkt., 10c; ¼ oz., 25c; oz., 75c.

**Hibiscus (Marshmallow)**

Showy ornamental perennial plants for mixed beds or shrubby borders, having large-sized, beautifully colored flowers.

Crimson Eye. Flowers of the largest size, pure white, with a large spot of velvety-crimson in the center. Pkt. 10c.  
 Giant Yellow, or Golden Bowl. Flowers from 6 to 9 inches in diameter; of a rich deep cream, with a velvety maroon center. Pkt. 10c.

New Giant Mallow Marvels. Per. ¼ oz. 25c; pkt. 10c.

These are tall, shrub-like, hardy perennials, with woody stalks towering upward and outward in bouquet fashion to a height of 5 to 6 feet, with broad handsome leaves, and producing towards their terminals, enormous flowers often from 6 to 8 inches across and usually self-colored or with large dark centers. They bloom from July to October, succeeding best if planted in a rich, deep, moist soil, but will grow equally well in dry open situations. They are perfectly hardy all over the states and easily raised from seed.



**Ipomea (Moonflower)**

*Mexicana grandiflora alba.* Very large, pure white flowers, opening in the evening and on dark, cloudy days. Very rapid grower. Will reach out 30 to 40 feet. Soak seeds, or preferably cut a notch through the hard shell; will germinate in 12 to 15 days. Pkt., 10c; oz., 50c.

**Honesty (Moonwort Satin Flower)**

Hardy biennials, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance; 3 feet.  $\frac{1}{4}$  oz., 20c; pkt., 5c.

**Kochia (Summer Cypress)**

*Trichopylla.* (Fine Summer Cypress). Grows in a compact bush about 3 feet high. Cannot be excelled for a temporary hedge or screen. Pkt. 10c.

**Linaria (Kenilworth Ivy)**

Trailing plant for baskets and boxes.  
*Cymbalaria.* Lavender and purple. Pkt., 10c.

**Lobelia**

Tender perennials and flower first season. Adapted to edgings, borders, baskets, etc.

*Crystal Palace Compacta.* Fine for bedding. Pkt., 10c;  $\frac{1}{2}$  oz., 40c.

*Gracilis.* Light blue, trailing. Pkt., 10c;  $\frac{1}{2}$  oz., 40c.

**Lantana**

Finest French Mixed. Desirable half hardy perennial. Pkt. 10c.

**Larkspur**

Larkspur. (See under Delphinium).

**Lathyrus**

Hardy Sweet Peas. Mixed. Pkt., 10c; oz., 40c.

**Linum (Flax)**

*Grandiflorum rubrum* and *roseum.* Free-flowering and showy. The red and rose-colored forms of annual Flax. Successive sowing will produce a wonderful show throughout the season. 1 foot. Pkt., 5c; oz., 20c.

**MARIGOLD**

Old-fashioned annuals, always satisfactory, giving a fine display from midsummer to frost from outdoor-sown seed; for earlier bloom seed should be started in frames.

**African (Tagetes Erecta)**

*Eldorado.* Bright orange flowers, shaded primrose, 3 to 4 inches across. 2 feet. Pkt., 5c; oz., 40c.

*Lemon Queen.* Very large, globular, double canary-yellow flowers. Erect, branching habit. 2 feet. Pkt., 5c; oz., 60c.

*Pride of the Garden.* Dwarf and bushy; double, large-sized flowers of various shades of yellow.  $1\frac{1}{4}$  feet. Pkt., 10c; oz., 40c.

*Tall Double Mixed.* Pkt., 5c; oz., 30c.

*Dwarf Double Mixed.* Pkt., 5c; oz., 30c.

**French (Tagetes Patula)**

These are very bright and effective in ribbon lines or for edging beds of tall plants.

*Legion of Honor.* Single; bright yellow with dark crimson spots or blotches; a good bedder. 9 in. Pkt., 5c; oz., 40c.

*Dwarf Double Mixed.* Pkt., 5c; oz., 35c.

*Tall Double Mixed.* Pkt., 5c; oz., 50c.

**Maurandia**

Finest Mixed. Most handsome climber. Pkt., 10c.

**Mignonette (Reseda Odorata)**

*Large Sweet Scented.* Most satisfactory for garden. Pkt., 5c; oz., 15c.

*Machet.* Dwarf, but very floriferous and fragrant. Pkt., 10c  $\frac{1}{4}$  oz., 20c.

*Bismark.* Immense red flowers, distinct crinkly foliage and most delicious odor. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

*Defiance.* Magnificent new sort. Immense spikes which keep until every bud is open. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**Mimosa (Sensitive Plant)**

*Pudica.* White with pink blush. Pkt., 5c.

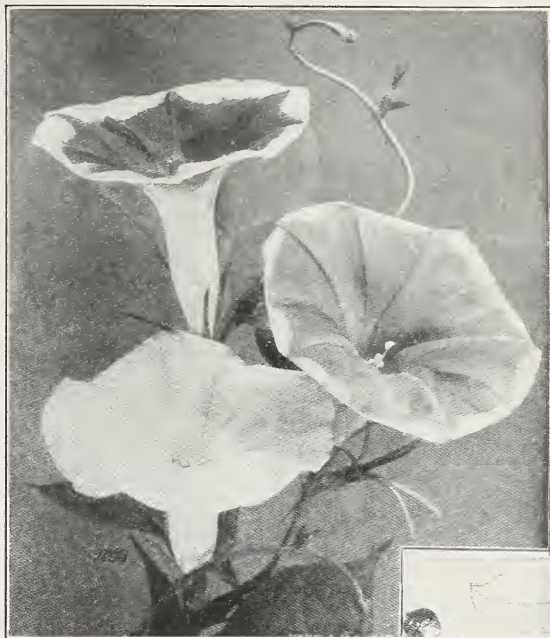
**Mimulus (Musk Plant)**

*Moschatus.* Small trailing, plant for baskets, etc. Yellow flowers and fragrant foliage. Pkt., 5c.

*Matricaria* (See Feverfew.)

*Marvel of Peru* (See Four o'clock.)

*Myosotis* (Forget-me-not).



Imperial Japanese Morning Glory.

**Morning Glory (Convolvulus)**

*Imperial Japanese.* They are beyond question the handsomest of all Morning Glories. Of the easiest culture; can be sown in the open ground in a warm and settled climate. The foliage is luxuriant, distinct and varied, green, silvery and yellow leaves; many are mottled light and dark green, white and gray. The giant flowers are beyond description; the self or solid colors range from snow-white to black-purple, an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. See cut. Pkt., 5c; oz., 20c.

*Brazilian.* (*Setosa*). As a quick growing vine it has no equal. Flowers large and foliage pleasing. Pkt., 10c; oz., 40c.

*Heavenly Blue.* Immense flowers of bright sky blue. Pkt., 10c.



Defiance Mignonette



## Nasturtiums (Dwarf or Tom Thumb)

No annual will produce such a lavish profusion of flowers for so long a time with the small outlay of time and labor 1 foot high.

All varieties, 5c per pkt.; 20c per oz.; 60c per ¼ lb.  
 Aurora. Rosy apricot with crimson blush.  
 Brilliant Scarlet. Unusually striking.  
 Beauty. Flowers yellow and scarlet.  
 Chameleon. Yellow blotched.  
 Cloth of Gold. Yellow foliage, scarlet flowers.  
 Crystal Palace Gem. Sulphur, maroon spots.  
 Empress of India. Brilliant crimson, dark tinted foliage.  
 Golden King. Golden yellow.  
 King Theodore. Dark green foliage. Flowers nearly black.  
 King of Tom Thumb. Scarlet flowers; dark foliage.  
 Queen of Tom Thumb. Flowers rich, bright crimson, variegated foliage, very showy and distinct.  
 Lady Bird. Orange, red spots.  
 Pearl. Creamy white.  
 Rose. Fine shade.  
 Finest Mixture of Dwarfs. Pkt., 5c; oz., 15c; ¼ lb., 50c.

## Tall or Climbing

Elegant and luxuriant climbers for verandas, trellises, etc. Height 5 to 10 ft.

Butterfly. Lemon-yellow, upper petals marked dark red, lower petals marked terra-cotta red.

All varieties, 5c per pkg.; 20c per oz.; 60c per ¼ lb.  
 Chameleon. Many richly colored flowers on the same plant.  
 Coccinea. Bright scarlet.  
 Fashion. Large; light crimson-rose, with a deep veining of old-rose.  
 Jupiter (Sunlight). Large, golden yellow flowers, on long stems.  
 Moonlight. Very light cream flowers, of largest size.  
 Prince Henry. Lemon-yellow, carmine-spotted.  
 Rose. A lovely shade of rose.  
 Twilight. Large, beautiful flowers, salmon-rose, suffused scarlet.  
 Velvet Gem. Crimson flowers; rich, velvety foliage.  
 JOHNSON'S SUPERB MIXTURE OF TALL. Pkt., 5c; oz., 15c; ¼ lb., 40c.

## NICOTIANA (Tobacco)

Affinis. Very showy white sweet scented flowers. Pkt., 5c; ½ oz., 30c.  
 Sanderæ Mixed. Splendid variety of colors. Pkt., 10c; ¼ oz., 25c.

## NIEREMBERGIA (Cup Flower)

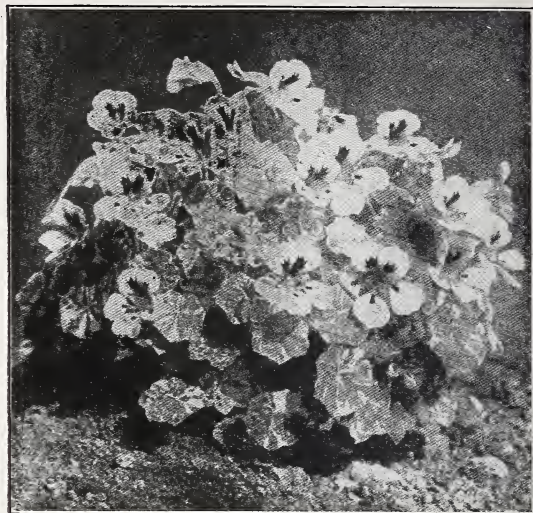
Frutescens. Blooming the first year if sown early. Most desirable for baskets, etc. Pkt., 5c; ¼ oz., 20c.

## Nigella (Love in a Mist, or Devil in Bush)

Damascena. A compact, free-flowering plant, with finely cut foliage, curious-looking flowers and seedpods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 foot. Pkt., 10c; oz., 25c.  
 Miss Jekyll. A lovely variety with cornflower-blue blossoms, splendid for cutting. Pkt., 10c; ¼ oz., 25c.



Johnson' Universal



Nasturtium, King of Tom Thumbs

## PORTULACA (Purslane Family)

These are succulent plants that delight in light, dry soil in a sunny situation, blooming profusely during the hottest weather and producing a gorgeous display. The seed should be sown where wanted and thinned out as required, the plants being of a spreading character. 6 in.

Single Finest Mixed. In numerous rich colors. Pkt., 5c; oz., 35c.  
 Double Mixed. Extra-fine quality A large percentage double flowers. Pkt., 10c; ¼ oz., 50c; oz., \$1.75

## PHLOX DRUMMONDII

These are fine summer flowering annuals  
 Grandiflora. Pure white. Pkt., 10c; ¼ oz., 40c.  
 Grandiflora, Finest Mixed. Pkt., 5c; ½ oz., 50c; oz., 75c.  
 Nana Compacta. Choice mixed. Pkt., 5c; ¼ oz., 50c.  
 Star of Quedlinburg. Pkt., 5c.

## Pansies (Heartsease)

The seed that we offer comprises the very finest strains obtainable, and will be found very superior to the quality usually offered. No expense has been spared in obtaining the very best strains from the best French, German and English sources. Pansy plants ready at proper season.

## Finest Show Pansies

Johnson's Universal Mixture. This is the finest mixture possible to make as regards size, texture and colorings. Pkt., 50c; ½ oz., \$1.00; oz., \$7.00.

Masterpiece. Giant curled and ruffled Pansies Very beautiful, containing the richest combination of colors. Pkt., 25c; ½ oz., 75c.

Bugnot's Superb Blotched. Flowers of enormous size. The shadings comprise tints of red, bronze, and brown not found in any other mixture. Pkt., 25c; ½ oz., 75c.  
 Cassier's Giant. The largest-flowered class of blotched Pansies. Pkt., 25c; ½ oz., 75c.

## Giant Trimardeau Pansies

Giant Golden Queen. Pure yellow. Pkt., 15c; ¼ oz., 75c; oz., \$2.00

Giant Atropurpureum. Deep royal purple. Pkt., 15c; ¼ oz., 75c.

Giant Yellow Trimardeau. Yellow with black eye. Pkt., 15c; ¼ oz., 75c.

Giant White Trimardeau. White, with purple eye. Pkt., 15c; ¼ oz., 75c.

Giant Snowflake. (Snow Queen or Candidissima). Pure snow white. Pkt., 15c; ¼ oz., 75c.

Giant King of the Blacks. Intensely dark. Pkt., 10c; ¼ oz., 75c.

Giant Striped or Mottled. Curiously striped and flamed sort in rainbow tints. Pkt., 15c; ¼ oz., 75c.

Giant Hortensia Red. Very fine. Pkt., 15c; ¼ oz., 75c.

Giant Trimardeau Mixed. Extra fine blending of colors. Pkt., 10c; ¼ oz., 60c; oz., \$2.00.

## Lawn Grass Seed

If you desire a perfect lawn, use Johnson's High Grade Lawn Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See outside back cover for seed and for directions how to make a lawn.





Large-flowering Fringed Petunias

### Petunia

We pay particular attention to our Petunia stock and are sure it is unexcelled.

**Large Flowering Double Fringed Mixed.** Our 'unrivaled strain. Pkt., 50c.

**Large Flowering Single Fringed Mixed.** From large fringed flowers. Pkt., 25c.

**Large Flowering Single White.** Finest strain. Pkt., 25c.

**Giants of California.** Many colors. Fringed and ruffled. Pkt., 25c.

**Hybrida, Howard's Star.** Very useful. Medium size, rich crimson. Pkt., 15c; oz., \$1.25.

**Hybrida Single Mixed.** All colors. Pkt., 10c; oz., 50c.

### Poppies (Annual Sorts)

**Tulip.** Single. Bright scarlet. Pkt., 5c; ½ oz., 30c.

**Shirley.** Finest mixed. Very popular. Pkt., 10c; ½ oz., 30c.

**Mikado.** Double. White with crimson stripe. Pkt., 5c; oz., 25c.

**White Swan.** Double. Pure white. Pkt., 5c; oz., 25c.

**Best Single Mixed.** Pkt. 5c; oz. 25c.

### Poppies (Perennial)

**Iceland.** Finest Mixed. Pkt., 10c; ¼ oz., 20c.

**Oriente.** Deep crimson. Very showy. Pkt., 5c; ¼ oz., 20c.

**Oriente.** Mixed colors. Pkt., 15c.

### Primula (Fringed Chinese Varieties)

**Alba Magnifica.** Fringed white. Pkt., 50c.

**Bright red.** Very fine shade. Pkt., 50c.

**Choicest Mixed.** Pkt., 50c.

### Primula (Obconica Varieties)

**Grandiflora.** Pure white. Pkt., 25c.

**Grandiflora.** Finest mixed. Pkt., 25c.

**Gigantea.** Mammoth flowers. Pkt., 50c.

### Pyrethrum

Unexcelled for ribbon borders, beddings, etc.

**Aureum.** (Golden Feather). Pkt., 5c.

### Ricinus (Castor Oil Bean)

Magnificent tropical looking plants for lawns or large beds.

**Zanzibariensis.** Finest of all. Gigantic leaves of various colors. Oz., 10c; ¼ lb., 30c; lb., \$1.00.

**Borboniense.** Elegant green foliage. Pkt., 5c; oz., 10c.

**Cambodgensis.** Very dark, almost black. Pkt., 5c; oz., 10c.

**Finest Mixed.** Pkt., 5c; oz. 10c; ¼ lb., 20c; lb., 60c.

### Salpiglossis

**Fine Mixed.** Includes all colors. Pkt. 10c; oz. \$1.25.

### Salvia

**Bonfire.** (Clara Bedman). A salvia of very compact growth, vivid scarlet.

Very popular. Pkt., 10c; ¼ oz., 75c.

**Splendens.** The old standard bright scarlet. Pkt., 10c; ¼ oz., 50c.

### Scabiosa (Mourning Bride)

Very desirable for summer cut flowers

**Fine Mixed.** All colors. Pkt., 5c; ½ oz. 30c.

### Schizanthus (Butterfly Flower)

The sight of a few well-grown plants would induce any one to grow them. They are simply elegant for decorative use in pots or for cutting. The buds open in water and the sprays last for a week.

**Hybrida grandiflora compacta.** These are large-flowered with beautiful color combinations in the same flower, as white, rose and gold; white, crimson and yellow; violet, blue and yellow, all more or less spotted. 1¼ feet high. Pkt., 10c.

**Wisetonensis.** Charming long and profusely blooming hybrids. Chiefly light shades. Excellent for greenhouse culture. Pkt., 25c.

### Smilax

Every florist should grow this as it is always in demand. Our seed is fresh. Pkt., 5c; oz., 35c.

## STOCKS, German Ten Weeks

The Ten Weeks is the leading variety for bedding. Bloom early, grow compact.

**Blood red.** Pkt. 10c; ¼ oz., 80c.

**Canary yellow.** Pkt. 10c; ¼ oz., 80c.

**Bright rose.** Pkt., 10c; ¼ oz., 80c.

**Light blue.** Pkt., 10c; ¼ oz., 80c.

**Pure white.** Pkt., 10c; ¼ oz., 80c.

**Finest Mixed.** Pkt. 10c; ¼ oz., 75c.

## STOCKS, Cut and Come Again (Perpetual)

**Princess Alice.** White. Pkt., 10c; ¼ oz., 75c.

**Finest Mixed.** Pkt., 10c; ¼ oz., 75c.

### Sunflower

**Miniature.** Best mixed. Pkt., 5c; oz., 20c.

**Globe Flowered.** Fine double mixed. Pkt., 5c; oz., 20c.

**Large Russian.** Tall Mammoth flowered. Pkt., 5c; oz., 10c.

### Sweet William (Dianthus Barbatus)

Fragrant hardy Perennial. These are matchless for border and bedding wherever rich color effects are desired. They flower richly in almost any soil, bearing large heads of richest tints.

**Pink Beauty.** A rich, deep rose shade. Pkt., 5c; ¼ oz., 30c.

**Scarlet King.** (New.) An intensely deep, rich, pure scarlet, a grand acquisition to this class of flowers. Pkt., 10c; ¼ oz., 60c.

**Mixed.** Single, all colors. Pkt., 5c; ¼ oz., 20c.

### Thunbergia (Black-eyed Susan)

Much used for filling baskets, etc.

**Finest Mixed.** An unexcelled mixture. Pkt., 10c; ½ oz., 40c.

### Verbena

One of the most popular plants for beds. They give a wide range of beautiful colors.

**Mammoth White.** Pkt., 10c; ¼ oz., 50c.

**Mammoth Purple.** Pkt., 10c; ¼ oz., 50c.

**Mammoth Pink.** Pkt., 10c; ¼ oz., 50c.

**Mammoth Scarlet.** Pkt., 10c; ¼ oz., 60c.

**Mammoth Blue.** Pkt., 10c; ¼ oz., 50c.

**Finest Mixed.** Pkt., 10c; ¼ oz., 50c.

### Vinca

Very handsome free flowering plants. Very useful.

**Rosea, dark eye.** Pkt., 10c; ½ oz., 40c.

**White, rose eye.** Pkt., 10c; ½ oz., 40c.

**Pure White.** Pkt., 10c; ½ oz., 40c.

**Finest Mixed.** Pkt., 10c; ½ oz., 40c.

### Wallflower

**Single Mixed.** Pkt., 5c; ½ oz., 40c.

**Double Mixed.** Pkt., 10c; ¼ oz., 50c.

### Zinnia

As cut flowers the Zinnia is very useful. Easily grown and should not be overlooked.

**Lilliput Double Mixed.** Many colors, fine type. Pkt., 10c; oz., 50c.

**Mammoth Double Mixed.** Very large, fine colors. Pkt., 10c; oz., 65c.

**Curled and Crested.** Mixed colors. Pkt., 10c; oz., 40c.

**Red Riding Hood.** A dwarf compact sort with double red flowers. Very attractive. Pkt., 10c; oz., 75c.



# Johnson's High Grade Sweet Peas

Our list of Sweet Peas is carefully revised and kept up-to-date and we believe every sort we offer is entitled to a place in the front rank. They are produced on contract for us by the most competent and skillful sweet pea specialists in Europe and America.

**Our Leaflet "Sweet Pea Culture" Free When Asked For.**

## Johnson's Grand Spencer Mixture

A liberal planting of this mixture will furnish a most magnificent display of Spencer types, including not only about all sorts now introduced, but many new ones not yet on the market. All shades of color, white, lavender, shades of scarlet, striped, purple and maroon. Gigantic Waved Spencer Type. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

## Johnson's Best Grandiflora Mixture

This is a special blend of grandiflora varieties put up by ourselves and can not be excelled for quality and range of color. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

## Standard Spencer Sweet Peas

The Spencers or Orchid-flowering sorts bear very large flowers which are wavy or crinkled at the edges. Just as easy to grow as the common sort.

Prices: Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Asta Ohn Spencer. Soft lavender tinged mauve.  
Apple Blossom Spencer. Rose and pink; long stems.  
Blanche Ferry Spencer. Pink and white; long stems.  
Countess Spencer. A lovely clear pink.  
Florence Nightingale Spencer. The largest and finest pure lavender.  
Mrs. Hugh Dickson. Salmon pink.  
King White. Very large, pure white.  
King Edward Spencer. Crimson scarlet.  
Primrose Spencer. Canary yellow. Fine.  
Captain of the Blues. Pure purple, the margin of the petals is marbled. Very large and distinct.  
Flora Norton. Beautiful. Light blue.  
White Orchid. Original White Spencer.

## Standard Grandiflora Sweet Peas

Blanche Ferry. Pink and white. Pkt. 5c; oz. 10c; ¼ lb. 30c.  
Dorothy Eckford. The best white. Pkt. 5c; oz. 10c; ¼ lb. 25c.  
King Edward VII. Rich deep scarlet. Pkt. 5c; oz. 10c; ¼ lb. 30c.  
Emily Henderson. White, early. Pkt. 5c; oz. 10c; ¼ lb. 25c.  
Navy Blue. Deep violet blue. Pkt. 5c; oz. 10c; ¼ lb. 20c.  
Lady Grisell Hamilton. Soft Lavender. Pkt. 5c; oz. 10c; ¼ lb. 30c.  
Lovely. Standard and wings deep pink, shading to a very light pink at the edges; vigorous grower; mostly four flowers to a stem. Pkt. 5c; oz. 10c; ¼ lb. 35c.  
Lottie Eckford. Large, silvery white flowers, shaded and edged with soft lavender. Pkt. 5c; oz. 10c; ¼ lb. 25c.

## Summer Flowering Bulbs and Roots

### Tuberous-Rooted Begonias

The Tuberous-rooted Begonia is a very desirable plant, either for window, conservatory, or outdoor planting, and has of recent years become a strong rival to the Geranium and Verbena for bedding.

Best Double, Mixed. These flowers are uniformly large, double and full centered, in a magnificent range of beautiful rich colors. They produce a profusion of grand flowers, 5 for 40c; \$1.10 per doz.  
Best Double, Separate Colors. Crimson, Pink, White and Yellow, 12c each; \$1.25 per dozen; \$9.00 per 100.  
Large Single, Mixed. These produce very large single flowers in a splendid assortment of colors. The bulbs should be started early in the spring in very light or sandy soil; give but little moisture until they have started into growth. Mixed, 6 for 45c; 80c per dozen; \$5.50 per 100.  
Large, Single, Separate Colors. Crimson, Pink, White and Yellow. 10c each; 90c per dozen; 6.50 per 100.

### Large Flowering Cannas

Canna tubers should not be put into the ground until the soil has become warm. They commence blooming in June and continue until late in September. Every shoot bears a flower, and these shoots are being constantly produced throughout the season.

Alphonse Bouvier. Large green foliage, rich crimson flowers. 10c each; \$1.10 per doz. 5 to 6 feet.  
King Humbert. Foliage, glossy bronze, flowers are orange scarlet, bright red shading. \$1.50 per doz., 5 feet.  
Mlle. Berat. Green foliage; gay pink flowers, 10c each; \$1.10 per doz.  
Florence Vaughan. Very showy, orange yellow peppered with bright red. 10c each; \$1.10 per doz. 5 feet.  
Austria. Enormous compact flowers, Clear canary yellow. 10c each; \$1.10 per doz.  
Queen Charlotte. A gorgeous sort, with carmine flowers, edged with band of gold. 10c each; \$1.10 per doz. 4 ft.  
Mrs. Kate Gray. Orchid-flowered. Full head of soft orange, shaded carmine and yellow dotted throat. 10c each; \$1.10 per dozen. 5 to 6 feet.

## Early Flowering Spencer Varieties

Heather Bell. The color is a rich but pleasing mauve but after standing in water the color becomes a beautiful mauve lavender. Pkt., 30c; oz., \$1.75.  
Lavender Pink. Pkt., 15c; oz., 90c.  
Melody. This is a deeper shade of pink than "Early Song Bird" on white ground, closely resembling "Countess Spencer." The effect is very floriferous. The flowers are borne on long stems and mostly four large well waved blossoms to each stem. Pkt., 30c; oz., \$1.75.  
Morning Star. Deep orange scarlet or flame color in standard, with rich orange pink wings. Pkt., 30c oz., \$1.75.  
Mrs. A. A. Skaach. Flowers bright shell pink. Pkt., 15c oz., 90c.  
Pink and White. Blanche Ferry type, extra choice. Pkt. 15c; oz., 90c.  
Mrs. M. Spanolin. Black-seeded white. Pkt., 15c; oz., \$1.00.  
Songbird. The flower is the same color as "Florence Morse Spencer" and a bit lighter than "Elfrida Pearson." Pkt., 30c; oz., \$1.50.  
Spring Maid. Light pink on a cream ground. It is a most effective flower and carries a great wealth of blossoms borne in fours on long stems. Pkt., 30c; oz., \$1.50.  
Snowflake. This is the best Early Flowering White Seeded Spencer. The blossoms are very large and of the best waved Spencer form. The flowers are borne in wonderful profusion on long stems. Pkt., 40c; oz., \$2.25.  
Venus. Standard white, slightly blushed pink wings. Pkt., 15c; oz., 90c.  
White Orchid. Earliest. Pkt., 15c; oz., 75c.  
Yarrowa. The color on opening is rose, changing as the flower develops to a light pink standard, tinted buff with blush wings. Pkt., 15c; oz., 90c.  
Winter Flowering Spencer Mixed. Pkt., 15c; oz., 75c.

### Early Flowering or Forcing

These are suited for Greenhouse Forcing or for flowering extremely early out of doors in Spring.

Christmas Pink. Earliest of all pinks. Pkt., 10c; oz., 20c.  
Christmas Metcor. Scarlet. Pkt., 10c; oz., 20c.  
Mrs. F. J. Delansky. Pink. Pkt., 10c; oz., 20c.  
Earliest White. Pure white. Pkt., 10c; oz., 20c.  
Mrs. Alexander Wallace. Lavender. Pkt., 10c; oz., 20c.  
Mrs. C. H. Totty. Pure lavender. Pkt., 10c; oz., 20c.  
Earliest of All. Pink and White. Pkt., 10c; oz., 20c.

### Caladiums

Esculentum (Elephant's Ear). Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 feet or more in length and breadth. Very imposing in appearance when developed. They need very rich soil and an abundance of water.

Extra Large. 11 to 12 inches in circumference. 30c each; \$3.00 per doz.  
First Size. 9 to 11 inches in circumference. 20c each; \$2.00 per doz.; \$13.00 per 100.  
Second Size. 7 to 9 inches in circumference. 15c each; \$1.50 per doz.; \$10.00 per 100.  
Third Size. 5 to 7 inches in circumference. 7c each; 70c per doz.; \$5 per 100.

### Dahlias

Dry Roots. A large number of varieties of each of the various styles of Dahlias, such as Pompon, Show, Cactus Collarette and Single, 15c each; \$1.50 per doz. We will be pleased to send complete descriptive list on request.

Started Roots. Ready about May 15th. All the best Pompon, Cactus and Show varieties at 15c each; \$1.50 per dozen.

### Hardy Garden Lillies

Auratum. (Gold Banded). Flowers pure white, thickly studded with crimson spots, while through the center of each petal runs a clear gold band; possesses a most delicate fragrance; very hardy, best outdoor Lily grown. First size bulbs, each 20c; 3 for 50c; doz., \$1.75.

Album. (Speciosum). Pure white, very fragrant; free flowering; hardy. First size bulbs, each, 15c; 3 for 40c doz. \$1.50.

Rubrum. (Crimson Banded). White, heavily spotted with rich crimson. First size bulbs, each 15c; 3 for 40c; doz. \$15.00.

Tigrinum, Flore Pleno (Double Tiger Lily). Bright orange-scarlet, with dark spots etiel rathynnd. . . . . scarlet, with dark spots; entirely hardy. Each 10c; doz \$1.00.



## Gladioli

This is one of the best of the Summer-flowering bulbs. It is a flower anyone can grow, and is lovely enough to satisfy the most exacting. There is no limit to the range of color—pink, scarlet, crimson, yellow, white and a host of other colors.

Nothing is finer for vases than a bunch of Gladioli. The flowers will last for days, and the buds develop into blossoms after being cut.

Write for prices on Gladioli in lots of one thousand or more.

**GLADIOLUS CULTURE**—Free, on request, with any order.

**America.** The flower-spikes are two to three feet long, bearing a great number of large spreading blooms, all facing one way. The flowers are of a beautiful soft lavender-pink color; the shading is very light and the effect is a tinted white. The most beautiful of all, 5c each; 40c per dozen; \$3.00 per 100.

**Baron Hulot.** The best of the blue shades. The dark violet flowers are of medium size. 5c each; 50c per dozen; \$3.50 per 100.

**Brenchleyensis.** The best and most effective vermilion-scarlet for massing. 30c per dozen; \$2.00 per 100.

**Mrs. Francis King.** A magnificent new variety. The large blooms are of a delightful light scarlet and are well placed on the large spikes. Each 5c; dozen 40c; 100 for \$3.00.

**Augusta.** Magnificent, pure white with blue anthers, very striking. Each 5c; dozen 35c; 100 for \$3.00.

**Panama.** A seedling of America, but of an incomparable rose-pink; spikes very long, with large flowers, 10c each; \$1.00 per dozen; \$7.00 per 100.

**Peace.** Flowers are large, of good form, correctly placed on a heavy, straight spike. Beautiful white, with pale lilac feathering on inferior petals. 10c each; \$1.00 per doz.; \$7.00 per 100.

**Chicago White.** Earliest and best white for forcing and excellent as a garden variety. Rapidly replacing Augusta. 10c each; \$1.00 per dozen.

**Niagara.** Beautiful cream shade, with two lower inside petals or segments blending to canary-yellow; flowers 4½ inches across, on erect and stout spikes. 10c each; \$1.00 per dozen; \$7.00 per 100.

**Glory (Kunderd).** The new ruffled gladiolus. Cream pink with crimson stripes through the lower petals. Immense blossoms. Robust habit. 6c each; 60c per doz.; \$4.00 per 100.

## Gladioli in Splendid Mixture

	per doz.	per 100
White and Light Shades .....	\$0.35	\$2.50
Shades of Pink and Rose .....	.40	2.50
Shades of Red and Scarlet .....	.30	2.25
Shades of Yellow and Orange .....	.60	4.50
Complete Mixture. All colors .....	.30	2.00
Johnson's Superb Mixed, Named Sorts .....	.40	3.00

## Gloxinias

Fine for pot culture. Place in a 3-inch pot and shift to a larger one when required. Loves warmth and moisture, but the leaves should never be wet; blooms a long time. 8c each, 80c per doz.; \$6 per 100.

## Iris

**Kaempferi (The Japanese Iris).** Handsome, summer-flowering varieties, blooming from June to August. They prefer rich, moist soil, but will thrive in any fair soil. Ten choicest varieties, clumps, 25c each, \$2.50 per doz., \$15 per 100. Set of ten \$2.

**Germanica.** Very handsome and thrives anywhere. Finest mixed. 10c each, \$1 per doz., \$6 per 100.

## Choice Named Herbaceous Peonies

Nobler objects for the mixed border can scarcely be imagined. If left undisturbed they form large stools, and produce magnificent flowers in great profusion.

**Festiva Maxima.** The finest white in cultivation. Each 50c.

**L'Esperance.** Deep rose with crinkly, white tips; extra large and fine; the earliest large pink. Each 25c.

**Charlemagne.** Large, bold, solid-colored rose-pink; mid-season. Each 25c.

**Rubra Superba.** Best dark bedding peony. Each 40c.

**Jeanne d'Arc.** A choice variety notable for its exquisite perfume and other good cutting qualities. Guards pale lilac-pink, with full tufted center of sulphur white. Each 35c.

## Cinnamon Vine

Hardy climber with dark-green foliage, and bearing a profusion of small white flowers of delicious fragrance. 5c each; 50c per dozen.

## Madiera Vine

A rapid-growing climber, bearing graceful racemes of fragrant white flowers; of great value for covering porches and arbors. 5c each; 40c per dozen.

## Tuberose

After careful selection we have greatly improved the Tuberose in dwarf habit of growth. Yields longer spikes than the old style, and produces large double flowers which are very highly perfumed.

**Excelsior.** Double Pearl. Selected large bulbs. Price: 2 for 5c; doz., 25c; 100 for \$1.50.

## Miscellaneous Climbers

During spring we shall carry an assortment of vines in stock as follows, and will also be able to supply many others not mentioned.

**Honeysuckle.** Very hardy, deliciously fragrant. 20c each.

**Jackmani Clematis.** Rapid grower, flowers abundantly. 40c.

**Moonflower.** Well known evening bloomer. 15c each.

**Dutchman's Pipe.** Very hardy. Makes dense shade. 40c each.

**Boston Ivy.** Very popular hardy vine for brick walls. 25c each.

## Bedding Plants

We will have a large line of the best bedding plants, such as Asters, Coleus, Geraniums, Heliotrope, Pansies, Petunias, Salvia, Verbenas, etc., at popular prices.

## Perennial Plants

Hardy Perennials or "Old Fashioned Flowers" are rapidly growing in popular favor. Our assortment will include the best, and our prices very reasonable for first stock. Please ask for Complete Descriptive List with best prices.

We make a great specialty of Vegetable Plants, growing them from only the very best seed and sparing no pains to have them fresh and in good condition.

## Vegetable Plants

We will have a large supply of all varieties of Vegetable plants, such as Cabbage, Cauliflower, Celery, Tomato, Egg and Pepper plants, and our prices will be reasonable consistent with good fresh stock. We supply the seed and take great care in growing our plants so that the product will be first class when grown under favorable conditions.

## Insecticides and Fungicides

**Ant Exterminator.** For red and black ants. This powder exterminates them. ¼ lb. 20c; ½ lb. 40c; 1 lb. 75c.

**Antipest.** Carman's. Very effective for the destruction of scale, red spider, mealy bug, green thrip, ants, wire-worm, slugs, etc. Qt. 60c; ½ gal. \$1.00; gal. \$1.60.

**Arsenate of Lead.** Paste Brand. Very effective for combating the codling moth and all other leaf-eating insects. Lb. 35c; 5 lbs., \$1.50; 10 lbs., \$2.00; 20 lbs., \$5.00.

**Arsenate of Lead, Powder.** Preferred by some to the paste form as it stands suspension longer. Lb., 55c; 5 lbs., \$2.50.

**Bordeaux Paste, Grasselli Brand.** Ready for use by simply adding water. Lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.75.

**Fungine.** An infallible remedy for destroying mildew, rust, bench-rot and other fungi. Does not stain the foliage. rt., 60c; qt., \$1.00; gal., \$3.25.

**Hellebore, Best Grade, Powdered, White.** For rose-slugs, currant worms, etc. Lb. 60c; 5 lbs. \$2.50.

**Kerosene Emulsion Paste, Target Brand.** For scale, plant lice and aphids on tender plants, trees, shrubbery, vines, etc. Lb. 30c; 5 lbs. 90c; 25 lbs. \$3.60.

**Lime-Sulphur Solution.** For San Jose and all other scale insects. A fungicide. When used against scale, spray when the tree is dormant, in the early spring or late fall. Put up in tin packages and oak barrels. 2 qts. 45c; gal., 90c; 5 gals., \$2.75; ½ bbl., \$11.50.

**Nico-Fume.** For fumigating. Strips of paper strongly saturated with nicotine. Very convenient and effective. Cans, 24 sheets, \$1; 144 sheets \$4.50.

**Nico-Fume Liquid.** For spraying and vaporizing. ¼ lb. 50c; 1 lb. \$1.50; 4 lbs. \$5.50; 8 lbs. \$10.50.

**Nikoteen.** 1 lb. \$1.50; 5 lbs. \$7.

**Paris Green.** Particularly effective in eradicating the potato bug. Lb. 65c; 2 lbs. \$1.25; 5 lbs. \$3.00.

**Persian Insect Powder.** Non-poisonous. A superior grade. Kills all kinds of insects on plants in the garden and in the home. ¼ lb., 25c; lb., 75c.

**Pyrox.** A combined insecticide and fungicide for all leaf-eating insects. Recommended for potatoes 1 lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.50; 25 lbs., \$5.75; 50 lbs., \$10.75; 100 lbs., \$20.00.

**Rat Corn.** A thoroughly tried and proved destroyer of rats and mice. Cans 25c, 50c, and \$1.

**Red Wing Insect Powder.** Prices 10c, 25c, \$1.00.

**Tree Tanglefoot.** Lb., 50c; 3 lbs., \$1.40.

**Sulpho-Tobacco Soap.** Destroys cabbage, squash and potato bugs, currant-worms, lice, green-fly, mealy bug, red spider, etc. Sure death to all plant insects indoors and out-of-doors. Small cake 10c; large cake 20c; 10-lb. cake \$3.00.

**Slug-Shot.** Non-poisonous powder, ready for use. It is very effectual in destroying potato and other bugs, beetles, green and black fly, slugs, worms, caterpillars. Use by dusting on plants. 1 lb. carton 20c; 5 lbs., 50c; 10 lbs., 95c; 25 lbs., \$2.25.

**Sulphur.** For mildew on plants, etc. Lb., 10c; 5 lbs., 45c; lbs., 80c; 25 lbs., \$1.75.

**Tobacco Dust.** The most effective and cheapest remedy for the flea on cabbage, radish, etc. Lb. 10c; 5 lbs. 35c; 10 lbs., 60c; 50 lbs., \$2.15; 100 lbs., \$4.00.

**Worm Eradicator, Reade's Electric.** For removing worms from greenhouses, lawns, flower-pots, vases, etc., without damage to the plants. Bottles 50c and \$1; gal. \$4; 2 gals \$7.75.

**Whale-Oil Soap, or Fish-Oil Soap.** For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb. \$25c; 5 lb can 90c.



# Miscellaneous Garden Requisites

## Miscellaneous Supplies

Asparagus Knives. Curved blade. Each 6c.  
 Bill Hooks. Best. English. Each \$1.75.  
 Bellows. For sulphur. Most durable quality. Each \$2.50.  
 Charcoal. Fine or coarse. 3 lbs. 20c; 10 lbs., 60c.  
 Dusters. Leggett's Champion. Each, \$7.50.  
 Dusters. Liggett's Champion. Each \$9.50.  
 Fumigating Lamps. For vaporizing Nicotine, \$75c.  
 Garden Lines. Braided hemp. Per 100 ft., \$1.25.  
 Garden Line Reels. Iron stake, \$1.50.  
 Glazing Points, Peerless. Nos. 1, 2 and 2½, per 1,000, 75c.  
 5,000 for \$3.50.  
 Glass Cutter. Steel wheel, 20c.  
 Grafting Wax. ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.60.  
 Grass Hooks. See Sickles.  
 Hose Menders, Brass. ½-in., ¾-in., and 1-in., each 10c; per doz., \$1.00.  
 Hoes, Garden. Solid socket, 6 inch, 75c.  
 Hoes. Dutch Scuffle. 6 in. blade \$1.00.  
 Knives, Budding, Saynor's. One blade, straight or curved. Each, \$1.75.  
 Knives, Pruning. Field's staghorn handle. Each \$1.75.  
 Plant Labels, Simplex, Waterproof. Neat, convenient, lasting. Size 3x½ inches. Doz., 25c; per 100, \$2.00.  
 Labels, Garden. Permanent, neat and not too conspicuous. Each 20c.  
 Labels, Pot, Painted. Per 1,000, 4-in., \$1.10; 5 in., \$1.50; 6 in., \$1.60; 8-in., \$3.50; 12-in., \$1.00 per 100.  
 Labels, Tree, Painted. 25c per 100; \$1.50 per 1,000.  
 Labels, Zinc.  
 Lawn Sprinkler, Rainfall. \$1.25.  
 Mastica. Gal., \$2.00, 5 gal., \$9.00.  
 Mastica Machine. Each \$1.90.  
 Mole Trap. Rittenhouse Self Setting. Each \$1.00.  
 Moss, Log, Green. Per bag, \$3.00.  
 Moss, Sphagnum, Dried. Bale, \$2.00; 5 bales, \$9.00.  
 Paper, White Tissue. Per ream, \$2.25.  
 Putty, Twemlows. Gal., \$2.25; 5 gal., \$11.00; 10 gal., \$20.  
 Putty Bulb. For applying Mastica and Putty. Each \$1.15.  
 Permanite. Up-to-date Greenhouse putty. Holds fast, yet does not crack. Ask for circular. Gal., \$1.75.  
 Raffia. Lb., 35c; 5 lbs., \$1.50.  
 Rakes, Steel Garden. 12-Teeth, 75c; 14-teeth, 85c.  
 Flower Pots, Standard.

	Doz.	100	1000		Doz.	100	1000
2 -in....\$	.15	\$ .90	\$ 6.75	5 -in....\$	.55	\$3.50	\$32.00
3 ½-in....\$	.15	1.00	8.00	6 -in....	.90	6.00	48.50
3 -in....	.20	1.40	11.75	7 -in....	1.25	8.50	.....
3 ½-in....	.30	1.75	16.00	8 -in....	1.75	12.50	.....
4 -in....	.50	2.75	20.00	10 -in....	3.50	30.00	.....

Seed Sowers. Cahoon. Best made. Each, \$3.50.  
 Shears, Pruning. No. 4665, 9-in., Each 90c. No. 607, 9-in. Each \$1.40. No. R 85, 9-in., \$2.50.  
 Silkline. For stringing smilax. Spool 20c; 1 lb., \$1.25.  
 Shears, Lopping. No. 35, each \$1.60.  
 Shears, Hedge. No. 100, 8 in. Each \$1.75.  
 Shears, Hedge. No. 101, 9 in. Each \$2.25.  
 Shears, Grass Border. Each 30c and 50c.  
 Sickles, For rass. No. 1. Each 65c. ....  
 Sickles, For Grass. No. 1. Each 65c.  
 Sickles, For Grass. No. 75. Each 50c.  
 Seeder, Perfection. For hotbeds, etc. \$1.00.  
 Spades, Steel. Best. Each \$1.15.  
 Silkline. For stringing smilax, etc. Spool, 30c; 8 spools, \$2.30.  
 Sprinkler, Scollay's Rubber. Each \$1.15.  
 Syringes, Brass Greenhouse. No. 11. One stream, two sprays. Each \$6.00.  
 Stakes, Japanese Cane. 6 ft. Per 100, \$1.35; per 250, \$2.75 per 1,000, \$9.50.  
 Sticks, Green. 12-in., per 100, 20c; per 1,000, \$1.25; 18-in., per 1,000, 25c; per 1,000, \$1.50.  
 Stakes, Japanese Green Cane. 1½ ft., per 100, 60c; per 500, \$2.00; 2 ft., per 100, 75c; per 500, \$2.50; 3 ft., per 100, \$1.10; per 500, \$4.25; 4 ft., per 100, \$1.30; per 500, \$4.75.  
 Tree Tubs. Made from Virginia White Cedar, painted green. Handles extra, 5c per tub.

## RICHMOND STYLE

### Diam.

No.	Diam.	No.	Diam.
No. 5	10-in..... 0.70	No. 1	12-in.....\$2.00
No. 7	12-in..... 1.00	No. 2	13-in..... 2.25
No. 9	14-in..... 1.40	No. 3	14-in..... 2.65
No. 11	16-in..... 2.00	No. 3½	16-in..... 3.25
No. 3	8-in.....\$0.60	No. 4	19-in..... 3.75
No. 13	18-in..... 2.60	No. 5	22-in..... 4.75

Thermometers, Greenhouse. Each 75c.

Thermometers, Self Registering. Each \$4.00.

Thermometers, Hot Bed. Each \$1.75.

Trowels, Garden. Solid steel, 6 in. Each 35c.

Trowels, Garden. No. 215. English, 6 in. Each 25c.

Trowels, Garden. No. 212. Steel, 6 in. Each 15c.

Twine, Jute, 2 or 3 ply, 1b., 30c; 10 lbs., at 28c.

Watering Cans, Wotherspoon's.

Heavy galvanized iron, 2 copper roses, 6-qt. size., \$2.50.

8-qt. size, \$2.75; 10-qt. size, \$3.00; 12-qt. size, \$3.50.

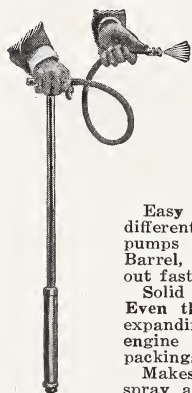
Low style for greenhouses, 4-qt. size, 2 roses, \$2.25.

Weeders, Hand

Excelsior. Each, 15c; doz., \$1.50.

Lang's. Each, 25c; doz., \$2.75.

## JUNIOR NO. 5 FORCE SPRAY PUMP



In this Junior 5 Spray and Force Pump we do away entirely with the objectionable footrest, clamps, leather suction, packing, etc. This pump requires no fastening of any kind. All the operator need do is press the plunger down—a flexible coil spring making the upward stroke.

Easy working and will do more different kinds of work than other pumps because will pump from Pail, Barrel, Tank, Spring or Creek, without fastenings of any kind.

Solid Brass except handle and hose. Even the Suction is solid Brass with expanding spring rings similar to an engine piston. No leather suction or packings to dry up and give trouble.

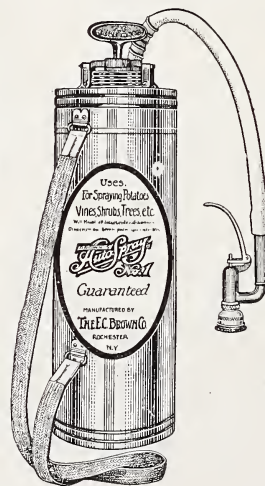
Makes one round spray, one flat spray and two sizes of solid streams. Automatic mixer keeps solution stirred.

Price of Pump complete as shown in cut, \$4.25. Brass pipe for elevating nozzle in tree spraying, length 3 feet. Price 50 cents.

## ROCHESTER DUSTER NO. 6

For applying insecticides, disinfectants, etc., in dry form.

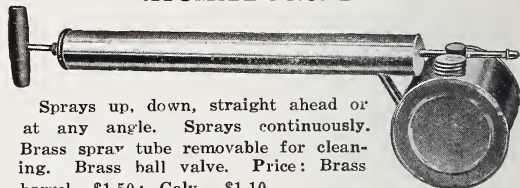
Funnel can be turned up for dusting under side of foliage. Capacity 1 ½ quarts.



## THE AUTO SPRAYER

Eight to ten strokes of plunger in air-chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. Can be charged in fifteen seconds, when it will work long enough to spray a quarter acre. The sprayer is carried by a shoulder strap and will cover ten times more area in a day than can be covered with the old-style sprayers. Auto Sprayer, No. 1 B., brass tank, \$9.50; Auto Sprayer No. 1 D., galvanized tank, \$7.00. Two-row attachment for spraying two rows at one time. \$1.60 two feet of brass extension pipe, 70c; steel, 50c; brass elbows for spraying under vines, 35c; brass strainer for straining solution, \$1.10.

## ATOMIZER No. 14



Sprays up, down, straight ahead or at any angle. Sprays continuously. Brass spray tube removable for cleaning. Brass ball valve. Price: Brass barrel, \$1.50; Galv., \$1.10.



## FERTILIZERS

**Bone Meal.** See fourth page of cover.

**Clay's Fertilizer.** Very scarce. Prite for prices.

**Park and Lawn Fertilizer.** See fourth cover page.

**Nitrate of Soda.** Write for prices. This article is very scarce.

**Farmogerm.** High-bred nitrogen-fixing bacteria; makes poor soil good to raise the biggest and best crops of peas, beans, sweet peas, clover and other legumes. Farmogerm will do it, and add nitrates to the soil to benefit future crops of any kind. Write for booklet. Garden Size, per bottle, 50c; Acre Size, \$2.00; Five acre Size, \$7.50.

**Shredded Cattle Manure.** 100 lbs. \$3.00; 500 lbs., \$11.00; 1000 lbs., \$2.10; ton, \$40.00.

**Nitro-Fertile.** An odorless liquid fertilizer for flowers, vegetable garden, shrubbery, fruit trees, lawns, and house plants, containing all the necessary food for plant life in correct proportions. Being in liquid form it is easily applied throughout the plant life with unusual and prompt results. Improves the growth, bloom and foliage. Nitro Fertile is put up in glass containers and sold at the following prices; Pts., 40c; qts., 60c; ½ gal., \$1.10; gal., \$2.00; 10-gal. keg, \$1.90 per gal.; 25-gal. bbl., \$1.80 per gal.; 50-gal. bbl., \$1.60 per gal.

**Pulverized Sheep Manure.** High grade, promoting a strong, healthy and rapid growth. 2 lbs. 10c; 5 lbs. 20c; 10 lbs., 35c; 25 lbs., 85c; 100 lbs., \$3.00; 200 lbs., \$5.50; 500 lbs., \$11.00; 1000 lbs., \$21.00; ton, \$40.00.

## Planet Jr. Garden Implements

### GET MORE OUT OF YOUR GARDEN

Use the Planet Jr. Combination Garden Tools, and you'll do better work; save two-thirds your time, and get a better yield.

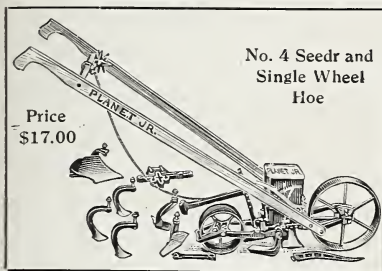
There's nothing like a Planet Jr. for profitable gardening or farming. Made by a practical farmer and experienced manufacturer and fully guaranteed.

Cut down your living expenses and get bigger, better crops by using

**PLANET JR. GARDEN TOOLS**

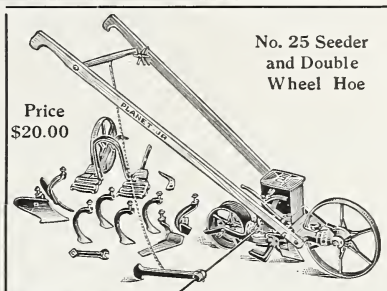
**New 1918 Catalogue Free!**

Illustrates tools doing actual farm and garden work and describes over 70 different Planet Jrs., including Seeders, Wheel-Hoes, Harrows, Orchard, Beet and Pivot-Wheel Riding Cultivators. Ask for it today!



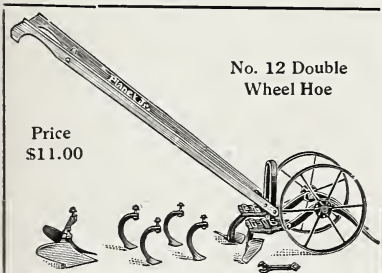
No. 4 Seeder and  
Single Wheel  
Hoe

Price  
\$17.00



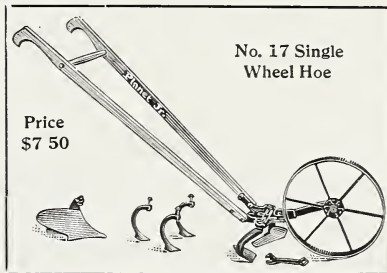
No. 25 Seeder  
and Double  
Wheel Hoe

Price  
\$20.00



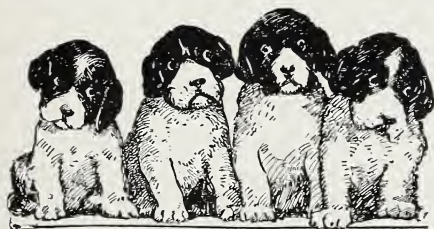
No. 12 Double  
Wheel Hoe

Price  
\$11.00



No. 17 Single  
Wheel Hoe

Price  
\$7.50



## VERMILAX

### SUPREME DOG REMEDIES

DR. DELANEY'S

**T**O keep dogs of all ages, well, requires study of the methods and familiarity with the remedies used by experienced breeders and kennel owners. The easiest way to get an adequate understanding of dog diseases, their symptoms and how to treat them to read Dr. Delaney's "Handbook on Dog Diseases," a copy of which FREE on request.

**'CARCO' Vegetable Spray kills-  
Maggots. Infesting Cabbage, On-  
ions, Turnips, Cauliflower, Beets,  
Radishes, Etc. Ask for circular.**

Pint 50c.; Qt. 75c.; Half gal. \$1.25



## CONKEY'S POULTRY REMEDIES

### HAVE YOU A CONKEY CORNER IN YOUR POULTRY HOUSE?

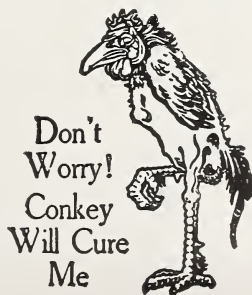
With Conkey's Poultry Remedies and Tonics at your elbow you can laugh at disease. They are made in Cleveland and we guarantee every one to satisfy you or we'll refund your money quick. Ask for a copy of Conkey's 80 page Poultry Book. It's full of poultry information.

**Conkey's Buttermilk Starting Food**—the only baby chick food with buttermilk in it. Makes chick raising easy. A complete food for the first three weeks, producing strong, healthy, fast growing chicks at a cost of 1c each. 3 lbs., 30c; 5 lbs., 50c; 10 lb., 90c; 25 lbs., \$2.10; 50 lbs., \$4.00; 100 lbs., \$7.50.

Conkey's Poultry Tonic makes healthy profitable business.

There's not a bit of filler, cayenne pepper or anything harmful in it. It builds, it doesn't force. In pails, 12 lbs., \$1.40; 25 lbs., \$2.75; pkgs., 30c.

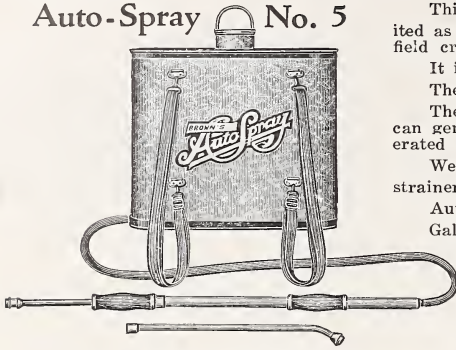
**Conkey's Roup Remedy** is world famous for preventing and treating this deadly, contagious poultry disease. 35c, 60c. A Full Line of Conkey's Remedies carried in stock.



**Don't  
Worry!  
Conkey  
Will Cure  
Me**



## Auto-Spray No. 5



This pump is the ideal all-purpose hand sprayer. Its field is practically unlimited as it may be used for spraying trees, vines, garden truck, potatoes and any field crops, and for handling whitewash and disinfectants.

It is made entirely of brass, doing away with all danger of corrosion.

The pump is double acting. This feature makes the spray continuous.

The pump cylinder is small in diameter and for that reason the operator can generate a high pressure with little labor. In an actual test this pump generated a pressure of 180 lbs. per square inch, with ordinary effort.

We furnish with this pump  $3\frac{1}{2}$  feet of  $\frac{3}{8}$ -inch suction hose and a heavy strainer that keeps the hose from working out of a bucket or tank.

Auto-Spray No. 5, pump, hose, nozzle and strainer complete, \$4.50.

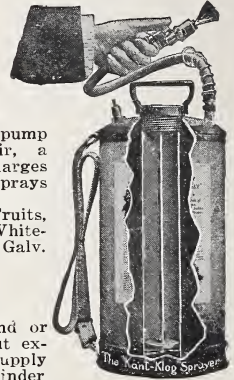
Galvanized iron reservoir (for use in potatoes or field crops) \$3.00.

## Style G "Kant Klog" Sprayer

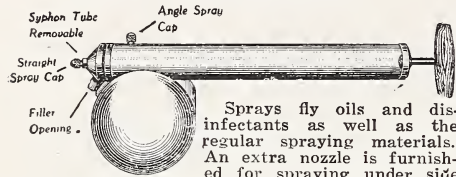
The Sprayer body is made of heavy polished brass or galvanized steel as desired. Both top and bottom are dome shaped; joined to body under heavy pressure, making a complete double seam.

A few seconds working of the air pump charges the sprayer with compressed air, a powerful and elastic force, which discharges the liquid in the form of either fine sprays or solid streams as desired.

Sprays Trees, all kinds of Small Fruits, and Garden Vegetables, Disinfectants, Whitewash and many other uses. Brass \$9.00. Galv. \$6.50.



## Brown Continuous Spray



Sprays fly oils and disinfectants as well as the regular spraying materials. An extra nozzle is furnished for spraying under side

of the foliage. Holds 1 qt. Price, postpaid, No. 25B, galvanized tank, \$1.00; No. 25C, brass tank, \$1.50.

## No. 12 Barrel Sprayer

This is the best value we have ever offered in Barrel Sprayers. Easy Working; High Pressure; Low Price. Clamps to top and anchors to bottom of Barrel. Cylinder one and three-quarter inches in diameter. Five feet of hose and "Kant-Klog" nozzle, \$9.50.

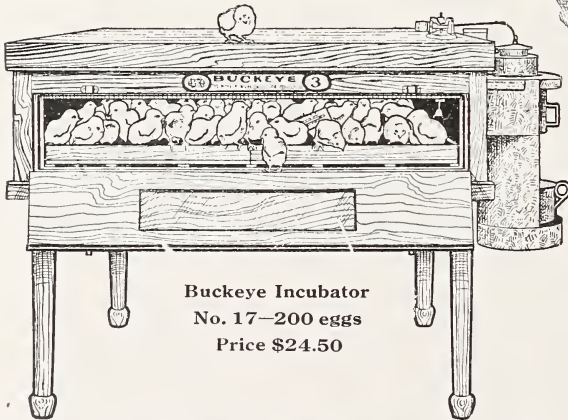
## No. 9. Prize Barrel Sprayer

Adjustable plates permit mounting on end or side of either large or small barrels without extra parts or any change whatever. Will supply two leads of hose. Submerged Brass Cylinder two and one-half inches in diameter. Brass ball valves, cage and seat. Special fabric plunger. Air Chamber two and three quarter inch wrought iron. Double paddle agitator, Brass strainer or intake pipe.

Price with five feet of hose and "Kant-Klog" nozzle, \$13.50.

# BUCKEYE HOT WATER INCUBATORS

We are the sole agents for Cleveland and vicinity for the Buckeye Incubators, Brooders, Hovers, etc. The Buckeye Incubator is the best hot water heated machine on the market, and has the benefit of twenty-four years of practical demonstration. The boiler, hot water tank and tubes are made of pure copper and will last for an indefinite period. The case is made of California redwood, and is beautifully finished. Every part of the machine is mechanically perfect, and in simplicity of construction and in ease of operation it far excels any hot water machine now offered to the public. That the manufacturers themselves have absolute confidence in the product is clearly shown by the very liberal guarantee of five years given by them to every purchaser of a Buckeye Incubator.



Buckeye Incubator  
No. 17—200 eggs  
Price \$24.50

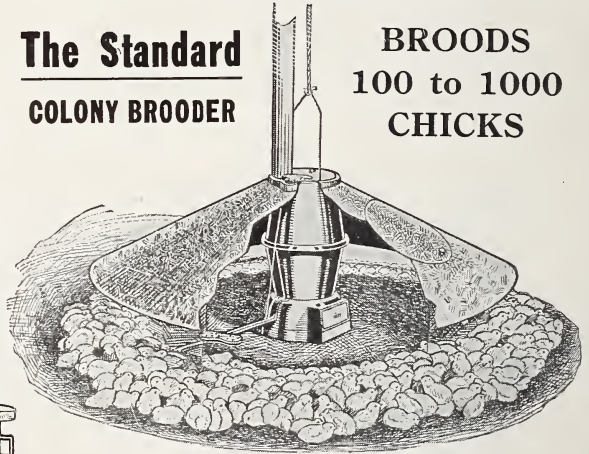
The Buckeye is made in 6 sizes from 65 egg at \$10.50 to 600 eggs at \$70.00. Ask for complete Catalogue.

Write for complete Buckeye Catalogue.

Being CLEVELAND AGENTS FOR THE BUCKEYE LINE, we can supply all of their accessories such as THERMOMETERS, GAS LAMPS, THERMOSTATS, EGG TRAYS, EGG TESTERS, etc.

## The Standard COLONY BROODER

BROODS  
100 to 1000  
CHICKS



## THE GREATEST COAL-BURNING BROODER EVER

INVENTED—Self-Feeding, Self-Regulating, Everlasting. Heavy cast-iron stove that requires coaling but once every 24 hours in any temperature. Fifty-two-inch hover that will positively brood 1000 newly hatched chicks.

The Standard Colony Brooder is the most practical brooding device ever invented. It will do anything and everything that any other brooder will do, and do it better. It is infinitely more satisfactory than brooders selling at twice the price. We are so positive that it cannot fail that we will permit you to try one for thirty days and Write Your Own Money-Back Guarantee. No questions asked if the Standard Colony Brooder does not suit you in every way.

We furnish two sizes. No. 18 for \$17.50, No. 19 for \$21.50.

Ask for illustrated "Standard" Catalog.



# Poultry Supplies

We have space on this page to list but a few of the many items we carry in leading Poultry Foods and Supplies.

TURN  
OVER  
AND  
REMOVE  
BOTTOM  
TO FILL



Moe's Sanitary Brooder Fountain

No. 1 for 1 gal. Fountain, \$1.10; No. 2 for 2 gal. Fountain, \$1.25.

**Moe's Sanitary Brooder Fountains.** Little chicks can't get wet. Sits in corner of brooder. Takes up little room. Can't be upset. If desired can be hung up by hook which is on top of each fountain. No. 0—1 qt., 35c; No. 5—1 gal., 65c. Mailing weight, 2 lbs.

**Bottom Fill Fountains.** Made in two pieces. Easily cleaned and owing to its shape it will not burst from freezing. This fountain fills the breeder's needs for an inexpensive fountain. Made of the best grade of galvanized iron in three sizes. 2 qt. size, 35c; gal. size, 50c. Weight, 2 lbs.

**Grit Boxes.** Can be used for grit, oyster shell, charcoal and beef scrap. Will not clog. Made in three sizes. No. 45. Two compartments. Weighs 1½ pounds. Price 30c. No. 9. Three compartments. Weight 3½ pounds. Price 60c. No. 90. Four compartments. Weighs 4 pounds. Price 95c.

**Simplicity Chick Server.** Is an especially constructed trough for feeding baby chicks. It is made from galvanized steel, 20 inches long, and so constructed that the chicks cannot waste the feed. Each, 30c; 5 for \$1.00. Weight, 6 oz.

**"I-C" Automatic Exerciser Feeder.** The busy hen is the laying hen. The "I-C" Feeder keeps them busy—saves feed, time and labor, prevents over feeding. Can't "choke up," always ready. 12 qt. size, \$1.50; weight 6 lbs. 20 qt. size, \$2.00; weight 8 lbs.

**Egg Tester.** By its use the progress of the hatching chicks can be observed, and eggs that are infertile may be removed from the machine. Our Buckeye egg tester is a simple device that any one can use intelligently, and, being made of heavy steel, it cannot wear out or get out of order. 30 cents.

**Dry Mash Hoppers.** Large in capacity and small in price. Does away with all trouble of feed clogging no matter how coarse. The gradual enlargement of the base promotes dropping of the feed downward. It is a great feed saver. Every safeguard has been placed in the construction of the trough to prevent the birds from throwing out the feed. A trial will convince you that it is a hopper of the greatest merit. No. 35, 12-qt. capacity, shipping wt. 8 lbs., each \$1.00.

**Star Jar Fountain and Feeder.** will fit pint, quart, or one-half gal. Mason jar. Manufactured of one piece of non-rusting metal. No parts to come unsoldered. Leaking impossible. Convenient, cheap and sanitary. Provides greater drinking surface than the round fountain. Little chicks cannot get drowned. Can be used for feed as well as water. Manufactured in one size only. Each, 10c; 6 for 50c.

**Sanitary Feeding Troughs.** Can be used for feed, wet mash or water. Barred top prevents wasting of feed and if used for water does away with the little chicks drowning. The feed saved by using this trough will more than pay for itself in a few weeks. Made of the best grade of galvanized iron in three sizes. namely: No. 21., 12 in. long, wt. 12 lbs., ea., 30c; No. 22, 18 in. long, wt. 10 lbs., ea. 50c.

**Porcelain Nest Eggs.** Each, 3c; per doz., 25c; by mail, 50c.



WITH THIS  
HEATER YOUR  
FOUNTAIN  
CANNOT  
FREEZE

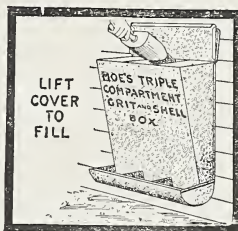
Heaters for Top-Fill Fountains



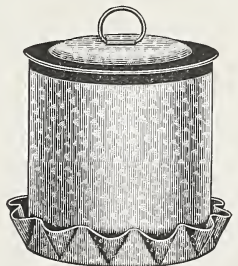
Top Fill Fountain



Bottom Fill Fountain



Grit Boxes



Simplicity Poultry Fountain

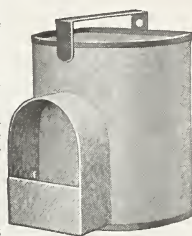
**Scratch Feed.** Composed of various grains; coarse ground for large fowls. Prices vary with the market cost of grain. We sell at very small margin.



Simplicity Chick Server

## Sanitary Wall Fountains.

These fountains are very convenient to handle and more sanitary than the ordinary kind. A hood projects over the water trough and protects the water from getting soiled. The back is flattened for ease in hanging up. They will not break by freezing. They are easy to clean by partly filling with pebbles, bits of rock, coarse grit or shot and shaking thoroughly. These are well made of heavy galvanized iron, and will last for years. 1 gal. size, each, 75c; 2 gal. size, each \$1.00.



Sanitary Wall Fountains

**Top Fill Fountain.** Fills from the top. Prevents all spilling and slopping over when being filled. The most popular fountain on the market. 1 gal., \$1.50; 2 gal., \$2.00.



KANT-KLOG  
HAND SPRAYER

This is very handy for applying Lice liquid. Conkey's NOXICIDE on the fowl, Anti-Fly Pest, also poison for potato bugs, tobacco, tomato and currant worms, and all plant insects. Each tested before it leaves the factory. Price each, 50c. Mailing weight 2 lbs.



RAT CORN

Kills the rats in your poultry yard without odor. It mummifies them. Small can 25c; Medium size, 50c; Large size, \$1.00.

**Ground Charcoal.** This is excellent for young and old chicks; should be kept constantly in reach of small chicks. Will prevent diarrhoea if fed once or twice a week. Price, per lb., 8c; 2½ lbs., 15c; 10 lbs., 60c.

**Mica Crystal Grit.** To aid digestion it is necessary to feed some gritty material. We can supply this in two grades, fine for chicks and birds, coarse for fowls. Price, 7 lbs., 10c; 25 lbs., 30c; 100 lbs., \$1.00. Special price by the ton.

## Simplicity Poultry Founts.

Best galvanized steel; vacuum type. Keeps drinking pan always filled with cool, fresh water. Drinking pan is a separate piece, clamps to bottom, easily taken off for filling and cleaning. Small ring at top for carrying. Best all-around, low priced fountain on the market. Price, each 50c.



O. K. Exerciser Feeder

**O. K. Exerciser Feeder.** This is one of our leaders for 1917. It is exceptionally good value for the price. The Hopper holds 12 qts. The O. K. Exerciser is perfectly weather proof and will compare favorably with any exerciser sold at less than two dollars. Price \$1.25 each.

## Chick Feed

A High Grade mixture of grains producing quick, healthy growth. 5 lbs., 30c; 10 lbs., 55c; 50 lbs., \$2.50; 100 lbs., \$4.75. Special price by the ton.



I-C Exerciser Feeder





# Johnson's High Grade Lawn Seed

**Johnson's Reliable**

**The Best for General Purposes**

Our Reliable Lawn Grass Seed is the cleanest, heaviest, cheapest and best, because it is made up of Extra Recleaned Seeds of the finest varieties of grasses, each of which has its season of beauty and the result is the production of a sod that is always evergreen and velvety. Many of the finest lawns of our city are seeded with Johnson's Reliable Lawn Grass, the preparation of which is a specialty with us. Less seed of Johnson's Reliable is required than of any other brand. Hence it is economical in the end. One pound will sow 300 square feet.

Price: lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25, 20 lbs., \$4.00.

## Johnson's "Shady Spot"

This is a very High Grade mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply Air Slacked Lime at the rate of one bushel to every 1,000 square feet. Use one pound of seed for every 300 square feet.

Prices: lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

## Johnson's Quick Growth

A special mixture of seeds which is especially useful where for some reason or other the seed cannot be sown in early spring. Our Quick Growth mixture will cover the ground like magic, and later on produce a permanent and beautiful sod.

Price: lb., 25c; 5 lbs., \$1.00.

## GROUND BONE FERTILIZER

**Dry, Clean Odorless**

Stable dressing is unpleasant to handle, and always contains more or less weed seeds. **There are no seeds in this fertilizer.** It will impart to your lawn that much desired dark green and velvety appearance. Should be applied as a top dressing either in spring or fall.

Prices. 2 lb., 15c; 10 lbs., 65c; 25 lb., \$1.25; 100 lbs., \$3.50; 200 lbs., \$6.00; 500 lbs., \$15.00; 1,000 lbs., \$27.00; ton, \$52.00.

## PARK and LAWN FERTILIZER

A lawn treated with Park and Lawn Fertilizer stays green and velvety throughout the hottest months.

The thick, juicy grass which results from the use of this Fertilizer is easily mowed, making the best kind of firm, springy turf for tennis and croquet courts and golf links, in addition to its wear resisting qualities—always presenting a beautiful smooth, even appearance. 25 lb. bag for 2,500 sq. ft. of lawn or 1,200 sq. ft. of garden, \$1.50; 50 lb. bag for 5,000 sq. ft. of lawn, or 2,500 sq. ft. of garden, \$2.75; 100 lb. bag for one-fourth acre of lawn, or one-eighth acre of garden, \$4.00.

## GRASS SEED MIXTURE FOR TERRACES

A mixture of strong, deep-rooted Grasses for banks or terraces. Although the Grasses are strong and deep-rooted, they will produce a fine green velvety surface, and also prevent washing away during heavy rains. Lb. 50c; 5 lbs. \$2.00; 10 lbs., \$3.50.

# Johnson's Seed Store

**2133 East 9th Street, Near Prospect Avenue  
Cleveland, Ohio**

**Bell Phone, Prospect 3099**

**Ohio State, Central 3276**